

THE APPLIED RESEARCH INSTITUTE - JERUSALEM

ARIJ



ANNUAL REPORT

2005

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1. Introduction

Despite the lack of real progress on the ground and the continuation of Israel's unilateral actions in the Palestinian areas, this year witnessed the holding of municipal council elections and preparations for the Palestinian Legislative Council elections scheduled for January 2006. The continued construction of the wall near the premises of ARIJ have continued and the Gilo 300 checkpoint has been transformed into a terminal that further reinforces the segregation of Bethlehem from Jerusalem.

Still, 2005 witnessed a focused and calculated process of institutional development and growth at ARIJ. During this year, ARIJ reformulated its Medium Term Strategy (2005-2010) in a participatory approach involving all stakeholders. This included the ARIJ board, staff, beneficiaries and donors. ARIJ continued to combine its regular research projects with the provision of services and the implementation of developmental and emergency projects, addressing both the short term and medium term needs of the community, to alleviate poverty, to provide job opportunities and to promote food security in marginalized areas. ARIJ activities include: improving dryland agriculture, introducing supplementary irrigation, home gardens, rain water harvesting, introduction of high-yielding small ruminants, crop diversification, water conservation systems, construction of green houses, training and extension services in animal husbandry, water resource management, and small-scale agriculture; and, the development of village-based producer and marketing cooperatives or associations. In addition, ARIJ continued its work on monitoring land use land cover changes, analyzing the impact of these changes on the Palestinian environment and assisting in policy formulation to address these concerns.



Photo1: Gilo 300 checkpoint

2. ARIJ activities in 2005

2.1. Administration and Management

To improve ARIJ's internal monitoring and evaluation system, the board of trustees met and institutionalized an internal evaluation committee. The objective of this committee is to apply the internal evaluation system at ARIJ to improve the administrative system and work environment at the Institute. The committee started its work by holding meetings and conducting interviews with beneficiaries and stakeholders to assess the impact of ARIJ work on the community and identify the strengths and weakness of ARIJ's programs. Questionnaires were designed to get the input of ARIJ staff. In addition, ARIJ approached Ernst & Young to conduct an overall external evaluation for the current organizational capacity of ARIJ covering the organizational structure, governance body, legal framework, SWOT, environmental factors, stakeholder influence, goals, objectives, strategies, critical success factors, performance indicators, risk management, resources, deliverables and their impact on users, internal control system, financial management, reporting, staff performance and motivation. A one day workshop was held for the staff and board to study the findings of the evaluation and formulate an action plan for follow up.

The board of ARIJ decided to expand its membership and introduce new blood. As a result, five new members were elected to join the ARIJ board namely Mr. Kamal Hassuna (businessman), Mr. Karim Abdul Nur (mathematician), Dr. Muna Matar (computer scientist), Elona Hazboun Qassisieh (Linguistics) and Mr. Ahmad Rweidi (lawyer).

2.2. Research Activities in 2005

ARIJ research activities in 2005 included the implementation of the following research projects;

2.2.1. Sustainable Resource Management Program

2.2.1.1. Urbanization and its impacts on natural resources (phase two):

Through funding from the International Development Research Center in Canada, this project aimed at assessing the effects of urbanization (i.e. Palestinian and Israeli) on Palestinian communities and natural resources. Through analysis of satellite images (time series LANDSAT TM for the years 1989, 1990, 1996, 1997 and 2000) and fieldwork, the project identified the patterns of urbanization in the West Bank and changes of land use as well as estimating the social and economic effects of these changes. The overall analysis was carried out targeting 73 selected cities, towns, villages and refugee camps in the West Bank. A workshop was conducted under the auspices of the Palestinian Minister of Local Government. The final project output in the form of a book was published by ARIJ in May 2005.

2.2.1.2. Analysis of Urban Trends and Land Use Changes in Gaza Strip between 2001–2005

Great concern has emerged in recent years about uncontrolled urban expansion in Gaza Strip and its environmental ramifications. Urban developments and infrastructure encroach on agricultural and grazing land creating additional pressure on the limited Palestinian natural resources. This research study, supported by IDRC, will quantitatively and qualitatively analyze urban development trends in the Gaza Strip via time series Satellite images. The project also aims to assess the impact of this urban development on both land use and on local

Palestinian communities in the Gaza Strip, and make projections of possible future trends of urban expansion in the study areas. The main objective is to assess the impact of rapid urbanization in the Gaza Strip on both land use and local Palestinian communities via time series Satellite images (IKONOS images in 2001, SPOT 5 image in 2003, and SPOT 5 image in 2005). In addition, it will assess the impact of the Israeli practices since the eruption of the current Intifada. This research project commenced on January 1st, 2005 and will continue till December 31st, 2005. The implementation of this project coincided with Israel's disengagement plan from Gaza. The final technical report will be printed and published in March 2006.

2.2.1.3. Trans-boundary Air Quality Effects From Urbanization

The overall aim of the project- which is funded by MERC - is the measurement of both meteorological and air quality data, and the application of mesoscale metrological model and air quality model, to gain an increased understanding of the air quality problems associated with current levels of regional urbanization. An air quality and Climatological station was installed at ARIJ premises in late 2003. This monitoring station includes four analyzers that measure the concentrations of SO₂, CO, Ozone, NO/NO₂/NO_x in ambient air in addition to the metrological station. A special lab was established at ARIJ to host the station. Observational data was continuously recorded in 2005. The analysis of the air quality data revealed the levels and sources of pollution. In 2005, a similar unit was installed in the Arab American University in Jenin. On the other hand, the Water and Environment Research unit has completed an emission inventory of all Green House and other pollutant Gases for the West Bank. Further information is downloadable from. <http://www.arij.org/units/posters/air-quality/air-quality%202005.htm>

2.2.1.4 Assessing waste management policy in Palestine

This program was aimed at analyzing all the national policies relevant to waste management issues. This was done by synthesizing the available data and analyzing the complex interactions between waste generation and management on the one hand and their relevant impacts on natural resources and human activities on the other hand. ARIJ utilized the Comprehensive Cost Benefit Analysis Method in order to assess the projected impacts of introducing policies and technological solutions to the fields of solid waste and wastewater management. This quantitative analytical framework was integrated into a logical framework that takes into account the social and political constraints. The results of the analysis provided information that is useful for decision makers to make practical decisions in the fields of solid waste and wastewater management. The acquired knowledge will be integrated into strategic and “*more sustainable than today*” waste management policies and plans. *Results of the project were disseminated via the World Wide Web and can be downloaded from:*

http://www.arij.org/units/posters/waste_management/index.htm

Educational material ensuing from the project was also disseminated via mass media in Al-Ayyam Newspaper.

2.2.1.5. The Future of Dead Sea Basin: Options for More Sustainable Water Management

Israel, Jordan and Palestine share the borders of the Dead Sea Basin. At more than 400 meters below sea level, the Dead Sea is the lowest point on Earth, as well as the most saline body of water on the planet. The water level of the Dead Sea has declined over 21 m from 1930 to 1997. In the past few years, the water level fell at a rate of 80-100 cm per year, with the average rate of fall accelerating in recent years. As a result, the Dead Sea surface area has shrunk by about 30% in the last 20 years.



Observed Drop in the water level of the Dead Sea between 1976 and 2003

The reasons for this decline are well-known: a constant decrease of input from the Jordan River and increased use of other sources, such as natural springs, that supply water to the Dead Sea. The rapidly growing populations in the three countries bordering this area will increase the demand for fresh water. The degradation is also a result of the water management policies of the countries bordering the Dead Sea. This is due in part to the large-scale diversions of water from the upper Jordan for irrigation and municipal services in Israel and Jordan.

The Dead Sea Project, which was funded by the INCO-DC Programme of the Research Directorate General of the European Commission, seeks to provide knowledge in order to achieve a more sustainable future, recognizing the role of residents of the Dead Sea Basin as active participants in that future, understanding the competing interests and their underlying factors and ensuring the cautious and thoughtful development of tourism, industry and agriculture. This will mainly be achieved by exploring alternatives for establishing sustainable tourism and agriculture and laying out joint development plans with risk-benefit evaluations. Therefore, the aim of the project is to establish a systemic view of the current water management system and its driving forces (population, economy, policies, traditions, values). To achieve this, the consortium includes experts from hydrology, geography, system studies, engineering, sociology, and economy. This multidisciplinary team will bring their analyses and their knowledge together into a system model. One of the innovative components of this project is the model for the synthesis of data that refer to the physical dimension (climate, water, land, population) and human dimension (traditions, perceptions, greed, policies etc.). This model will be based on a GIS (ArcGIS) plus a system dynamic model (e.g. Vensim). The synthesis will be based on a common scale of "objects" (data, features) and their properties, and a identification of relational structures between the objects.

The overall objective of the Project is to establish the scientific basis for a "more sustainable than today" water management and water-related land management in the Dead Sea Basin, and from this, to develop practical recommendations that can be used for strategic decision making.

2.2.1.6. Monitoring Israeli Settlements (phase two).

The project started on July 1st 2003 and ended on December 26th 2005. It was supported by the European commission and implemented in cooperation with the Land Research Centre of the Arab Study Society. The main objectives of the project were; to monitor the physical Israeli violations by collecting, analyzing and updating the database, disseminating and presenting

reliable information on Israeli activities and the physical changes which they have induced upon the Palestinian landscape and the subsequent impacts on the local Palestinian people. This was accomplished through conducting field work at affected areas. The field work included interviewing local officials and inhabitants to get first hand information and analyzing satellite images, aerial photos and maps. The outputs include case-studies, as well as monthly, quarterly and annual reports. ARIJ also gives presentations to interested groups about the geo-political status in the West Bank and Gaza including: the Israeli settlements, outposts, bypass roads, the Segregation Wall, land razing, land expropriation, the uprooting of trees, movement barriers and house demolitions.

During the project's duration, the Applied Research Institute-Jerusalem (ARIJ) together with the Land Research Center (LRC) published a total of 334 case studies, 71 newspaper article, 10 quarterly reports, 16 special reports and one base report on the POICA and ARIJ websites authenticating the Israeli activities in the West Bank and Gaza Strip. 184 presentations were conducted for international and local groups and decision makers concerning the geopolitical conditions in the West Bank. Additionally, ARIJ in cooperation with Dar Al Nadwa in Bethlehem organized a workshop and an exhibition of pictures and maps on the Segregation Wall. A fact sheet about the geopolitical conditions in the Bethlehem Governorate and a geopolitical poster of the West Bank were also published by the project. Furthermore, the project team have also prepared an interactive map for the settlements and roads in the Gaza strip in August 2005 and displayed it together with a disengagement timeline on the project's website (http://www.arij.org/_private/GazaPlan/index.html). Another interactive map for the outposts was also posted on the website with the location of each outpost, the mother settlement, and the number of caravans (<http://www.arij.org/Flash%20News/outposts.html>).

2.2.1.7. Monitoring the Israeli activities in the Occupied Palestinian Territory and assessing their impacts on the viability of a future Palestinian statehood

The project started on December 31st 2005 and will end on August 31st 2008. It is supported mainly by the European Commission and is being implemented in cooperation with the Land Research Centre of the Arab Study Society. The project aims at monitoring the Israeli physical activities in the Occupied Palestinian Territory (OPT) and clarifying their impacts on issues of final status negotiations in relation to territorial viability, land related issues, borders and the contiguity of the future Palestinian state. Thus the project monitors the land use/land cover in the OPT over years; analyzes the impact of the land use changes on the local Palestinian communities and the Palestinian landscape; and raises the awareness of the Palestinian, Israeli and international public, policy makers at local, national, regional and international levels and civil society organizations about the impact of the Israeli government's activities on the peace process and the possibility of the two state solution.

The project engages in collecting primary and secondary data; synthesizing and analyzing this data; and disseminating reliable information on Israeli activities, the physical changes they induce on the Palestinian landscape and the impacts of these activities on the future Palestinian state. This is accomplished through conducting field work in the affected areas, interviewing the local officials and people to get first hand information, and analyzing satellite images, aerial photos and maps. The outputs are case-studies, monthly, quarterly and annual reports and presentations to interested groups about the geo-political status in the West Bank and Gaza including: the Israeli settlements, outposts, bypass roads, the Segregation Wall, land razing, land expropriation, trees uprooting, movement barriers and house demolitions. The outputs of the project are published on the project's website www.poica.org as well as on the Institute's website www.arij.org. The website is updated on a daily bases.

2.2.1.8. Policy tools towards sustainable land use and urban environmental management at the municipal level under a transitional political context. The case of Bethlehem district, Palestine.

The project addresses the need for efficient land-use development and urban environmental management at the local level in Bethlehem district. This is in the light of the debate over a transitional political context and the recent demographic changes. The goal is to propose policy choices and prospect the necessary tools for their implementation, in order to contribute to the achievement of the optimal use of land and natural resources. This will be achieved by fostering the role of the local population in the development process as a necessary step towards a sustainable urban development. The project also addresses the need for Palestinian planners and policy makers at the Palestinian National Authority (PNA) level as well as at the local municipal level, to start crafting possible policies for the management of land and the urban environment in the Bethlehem district. The project deals with the interaction between population, urban development and the environment with special emphasis given to demographic factors, land use and the urban environment at the main municipalities in the Bethlehem district.

The project team has reviewed the existing land-use and environmental policies and plans applied and practiced in the municipalities of Bethlehem, Beit-Jala and Beit-Sahour. The land use and environmental rules, regulations and plans were also reviewed on the national and regional levels and their relevance to sustainable development was assessed. A round table meeting was conducted with the decision makers in each of the three municipalities in the targeted area to discuss the challenges and constraints faced by each of them. After analyzing the collected information from environmental instruments, criteria and policies towards sustainable urban development were identified. Tools and mechanisms for the implementation of these policies were developed at the municipal level in Bethlehem District. In November 2005, Dr. Aude Signoles a delegate from CICRED, came for a technical visit to ARIJ. The visit was very constructive as the project team presented the project proceedings and outputs to her and listened to her comments and feed back. Dr. Signoles was satisfied with the quality and content of the research and considered it to be a pioneering piece in Palestine.

2.2.1.9. Activated Sludge Filtration System for Wastewater Treatment in the West Bank.

This project is funded by the Palestinian ministry of education and higher education. Its main objectives are:

- To design and implement of a decentralized plant to treat wastewater obtained from a cluster of houses in a Palestinian area.
- To contribute to the preservation of the environment and groundwater from the pollution due to wastewater collected in septic tanks.
- The generation of a source of water represented in the treated wastewater that can be reused in restricted irrigation.
- To find a replacement to the septic tanks used in the collection of wastewater in rural areas, by treating it, close to its source.
- To make savings in the volume of the drinking water used in irrigation, by replacing it with treated wastewater.

ARIJ produced the blueprints and the engineering designs for the construction and the operation of a small scale wastewater treatment plant utilizing the activated sludge treatment method. Research and consultation is now undergoing to reduce the cost of production to prices below the overall cost of drilling a wastewater cesspit. The objective is to replace

cesspits with the Small Scale Wastewater treatment plants in order to increase water availability and to reduce the health and environmental costs associated with the discharge of wastewater into cesspits or directly into open spaces.

2.2.1.10. Water Harvesting and Wastewater Reuse Towards Developing Water Resources and Improving Food Security in Bethlehem and Hebron Governorates

This project is funded by MCC and SDC. The project is broken down into two complimentary action categories: Rainwater harvesting and wastewater treatment and reuse. The overall objective of the project is to enhance food security of 434 poor, marginalized and highly vulnerable people in 3 villages in the Bethlehem and Hebron Governorates. The specific objectives are:

- Increase water availability for domestic and/or restricted agricultural uses to improve production of household backyard farming and irrigated areas cultivated with fodder, seed and/or industrial crops.
- Alleviate the environmental and health impacts associated with the improper management of wastewater in the targeted locality
- Develop the skills and capacities of community members in the management of home gardens and wastewater treatment and reuse

The project's activities relevant to the construction of 20 rainwater harvesting and home gardens cultivation will take place in the villages of Marah Rabah in the Bethlehem Governorate and in the village of Beit Kahil in the Hebron Governorate, while those pertaining to wastewater management and treated water reuse will be carried out in Nahhalin village in the Bethlehem Governorate.

2.2.1.11. Status of Environment in the West Bank and Gaza Strip (SOER)

The project started on October 1st 2005 and will end on May 31st 2007. It funded by the Swiss Agency for Development and Cooperation (SDC)

The overall objective of the project is to provide an updated and comprehensive description and assessment of the state of the environment in the West Bank and Gaza Strip as well as to show the trends of the major environmental indicators over the period from 1997 till 2007. This objective was broken down into a set of measurable objectives as follows:

- To collect and acquire data on land, water, environment, settlement, socioeconomic conditions and infrastructure for the West Bank and Gaza Strip.
- To develop a comparable and harmonized geo-database for the West Bank and Gaza Strip;
- To extract knowledge from the developed geo-database including the measurement of the major environmental indicators over the period from 1997 till 2007 in order to show the trends;
- To develop a desktop-based-interactive GIS application, to be named the Palestinian Environmental Information System (PEIS) that displays the collected geo-data as well as the knowledge derived from the databases;
- To produce a comprehensive report on the environmental status of the West Bank and Gaza Strip that also includes socially acceptable and economically feasible strategic recommendations that are urgently needed to check further environmental deterioration.

2.2.2. Sustainable Agricultural Program

2.2.2.1. Improving Plant Production to Enhance Household Food Security in Marginalized Communities of Bethlehem Governorate (Phase Five)

The project aims to continue and expand upon the activities of the Mennonite Central Committee (MCC) And the Canadian Foodgrains Bank (CFGB) supported project that has been on-going for the last four years. That is, "... to enhance the sustainability of the rain-fed farming system and improve food security". The strategic goal of the project is to improve household food security of poor and marginalized rural households in 14 villages of Bethlehem Governorate through supporting the cultivation of field crops, forages, dryland vegetables and planting range land bushes in addition to continuing work on seed improvement and the breeding program.

This year 388 dunums were planted with different targeted crops and 159 households benefited from different 14 villages in Bethlehem Governorate. The amount of rainfall was good but the distribution was poor and the rainfall season was short resulting in dryland cultivations being affected. Despite that, ARIJ's farmers succeeded in producing 4,038 Kg of seeds, 17.3tons of hay and 97.0 tons of green and semi-green forages of different planted types of field crops and forages, valued at 23,776 USD according to the local market prices. Additionally, 6.28 tons of snake cucumber and squash fruits were produced with total value of 5,154 USD.

Additionally, an experiment with supplementary irrigation for wheat varieties was conducted for the third year to measure its potential in reducing the vulnerability of rainfed farming. The cultivated wheat varieties under supplementary irrigation gave 70% more seeds than dryland wheat.

ARIJ conducted a workshop to discuss the obtained results of the project by the farmers and the plan of action for the next year was discussed. More than forty farmers and specialists attended the workshop.

2.2.2.2. Improving Plant Production to enhance Food Security of Farming Communities in Rural areas of the Bethlehem Governorate

This project, which is funded by ACIDI/VOCA, aims to improve food security and livelihood of poor and vulnerable rural families in ten villages of Bethlehem Governorate through improving their accessibility to water for agriculture, and to access more food and water to improve their income. Sixteen cisterns and home gardens were constructed and established in Battir villages in Bethlehem Governorate. The farmers are using the harvested water to irrigate their crops. Average production per home garden reached to 750 kg of vegetable and fruits with total value of 417 USD/year.

In the year 2005, 168 farmer's families were provided with seeds of field crops and forages, and fertilizers through which 835 dunums were cultivated and distributed over six villages from Bethlehem that benefited from this activity. Despite prevailed unsuitable weather conditions, ARIJ's farmers succeeded in producing 20 tons of seeds, 207 tons of green forages and 46.6 tons of hay of different planted types of field crops and forages, valued at 51,720 USD.

On the other hand, ARIJ constructed an additional 13 greenhouses for its partner farmers in Battir village. Thus, the total constructed units reached 37 units with a total area of 16.25 dunums in Artas, Wad Fuqin and Battir villages. The average annual production reached 414 tons of vegetables with a total net profit reaching 125,970 USD.

A training program on greenhouse management was conducted and about 25 farmers in addition to five agricultural extension agents from the Bethlehem agricultural directorate participated in the training program. Additionally, 17 home gardens farmers were trained in farming as a business.

2.2.2.3. Sustainable Access to Food and Economic Security in Jenin (SAFES Jenin)

ARIJ is implementing this project jointly with Care International and Agriculture Engineers Cooperative (AEC) through funding from the European Commission. The SAFES Jenin project aims to improve food security for 763 poor and marginalized Palestinian households in ten villages in the Jenin District of the West Bank. Activities include: the introduction of high-yielding small ruminants, diverse crops, and water conservation systems; training and extension services in animal husbandry, water resource management, and small-scale agriculture; and, the development of village-based producer and marketing cooperatives or associations. This year the project has succeeded in distributing 500 pregnant sheep to 250 needy families in the Jenin Governorate. These sheep have delivered 249 newborns. The project has also provided assistance in cisterns construction and home gardens to 45 households suffering from severe water problems in addition to the distribution of 29.4 thousand seedlings to be planted in the home gardens. Additionally, 40 grey water treatment units were constructed for families in villages of the eastern cluster of Jenin Governorate.

2.2.2.4. An emergency Program for Enhancing Household Food Security of the Farming Communities in the Rural Areas of Bethlehem, Hebron and Tubas Governorates

The strategic goal of the project, which is funded by the Spanish Cooperation, is to improve the food security of 680 poor and marginalized households in 20 villages in the Bethlehem, Hebron, and Tubas Governorates; through improving water resource management, increasing plant production, improving livestock conditions, with increased capacities, skills, and community participation.

This year ARIJ succeeded in rehabilitating 80 water harvesting systems (cisterns) for two villages in Bethlehem Governorate and other two villages in Hebron Governorate. Also, 80 home gardens were provided with vegetables seeds and seedlings to improve their accessibility to food. The previously destroyed 50 meters of the Artas irrigation canal was rehabilitated and twenty farmers from Artas village have started replanting their lands. Additionally, 246 households from six different villages in Bethlehem and Hebron were provided with field crops and forages crops seeds and cultivated 1220 dunums. Extension visits were conducted by the different targeted households.

2.2.2.5. Livelihood Improvement in the Occupied Palestinian Territories (LIOPT)

ARIJ is implementing this project jointly with Care International and The Palestinian Economic and Social Development Center of Palestine (ESDC) through funding from the Australian Aid through AMENCA. The project started on the first of October 2005 and will be extended for nineteen months. It will target nine villages in the Jenin and Tubas Governorates. The project focuses on empowering the role of the women in agricultural practices, home decision making and assisting in the improving of their households' food security for different 525 marginalized and poor rural households. The three partner institutions are working together to promote the diversification of crops through field crops, forages and vegetables seed and seedling distribution among small scale Palestinian farming households. The rehabilitation of 70 greenhouses for more intensive production of crops and to develop an increased understanding of environmentally sound agricultural methods. Six thousands dunums of productive Olive trees will be provided with biological olive fly traps to improve the quality of the produced olive oil. Additionally, the farmers will be assisted in composting their greenhouses with plant residues, fertilising their soils through establishing composting units. Ninety beehives will also be given to households to improve honey production with the distribution of beehives to farming households. The project will construct 120 domestic rainwater harvesting systems for improved water resource management for both irrigation and household consumption. LIOPT will increase the capacity of farmers in food processing, olive production, farm and crops management, IPM, beekeeping, marketing, networking and empowering the role of women.

2.2.2.6. Inventory of the Palestinian Forest Trees

This is a one year project, which aims to identify the forested tree species and their eco-geographic distribution in the West Bank using the GIS applications. There will be a special emphasis on establishing a herbarium and a database of the surveyed plant specimens. This project is funded by The Scientific Research Council/ Ministry of Education and Higher Education.

The following table shows an aggregated summary of ARIJ's sustainable agricultural program for 2005.

Constructed cisterns*	33
Newborn sheep*	249
Constructed greenhouses	18
Established home gardens	33
Distributed seeds (tons)	19.8
Distributed seedlings (thousand)	90.5
Planted area (dunums)	1364
Job creation (Thousand working days)*	29.9
Vegetables & fruits production (tons)	468.8
Field crops seeds production (1158 dunum) (tons)	24.0
Hay production (tons)	63.9
green forages production (tons)	217
Farmers' total generated income (thousand US\$)	231,747
Harvested and stored water by the constructed cisterns* (M ³)	4,250

*SAFES joint project achievements are included



Photos 2: conducted activities for home gardens sheep distribution greenhouses extension visits and seed improvement program and the conducted workshop.

2.2.3. Core funding program:

The strategic goal of the project, which is funded by Swiss Agency for Development and Cooperation (SDC), is to contribute towards achieving ARIJ's goals and strategies, to carry out its current projects and to financially enable the organization to realize its future plans and research projects on the national, regional and international levels.

2.3 Other activities of ARIJ

2.3.1 Biodiversity and Agricultural Research Unit (BARU)

In February 2005 ARIJ, in cooperation with the Economic and Social Development Centre of Palestine, conducted a coordination meeting through which legal and administrative procedures as well as coordination to establish the Palestinian Agriculture Rural Development Initiative (P-ARDI) were discussed in presence of MoA. In addition to the ministry, nine different organizations represented the private sector, NGO's and Universities were present. ARIJ was asked to prepare the institutional and management plan of action to establish P-ARDI. ARIJ has prepared the first draft of the P-ARDI Bylaws, objectives and plan of action. This body will assist in improving and conserving the agricultural rural products as well as the inherited Palestinian agricultural culture, and the marketing value of the rural products.

BARU continued its work on the seed improvement program. This year the seeds from the fourth generation of local varieties of wheat sank cucumber and squash were produced and will be retested for their selected characteristics. This year, BARU tested a new color – pheromone traps to combat the Mediterranean olive fruit fly. Optimistic results were obtained and ARIJ plans to expand this activity next year.

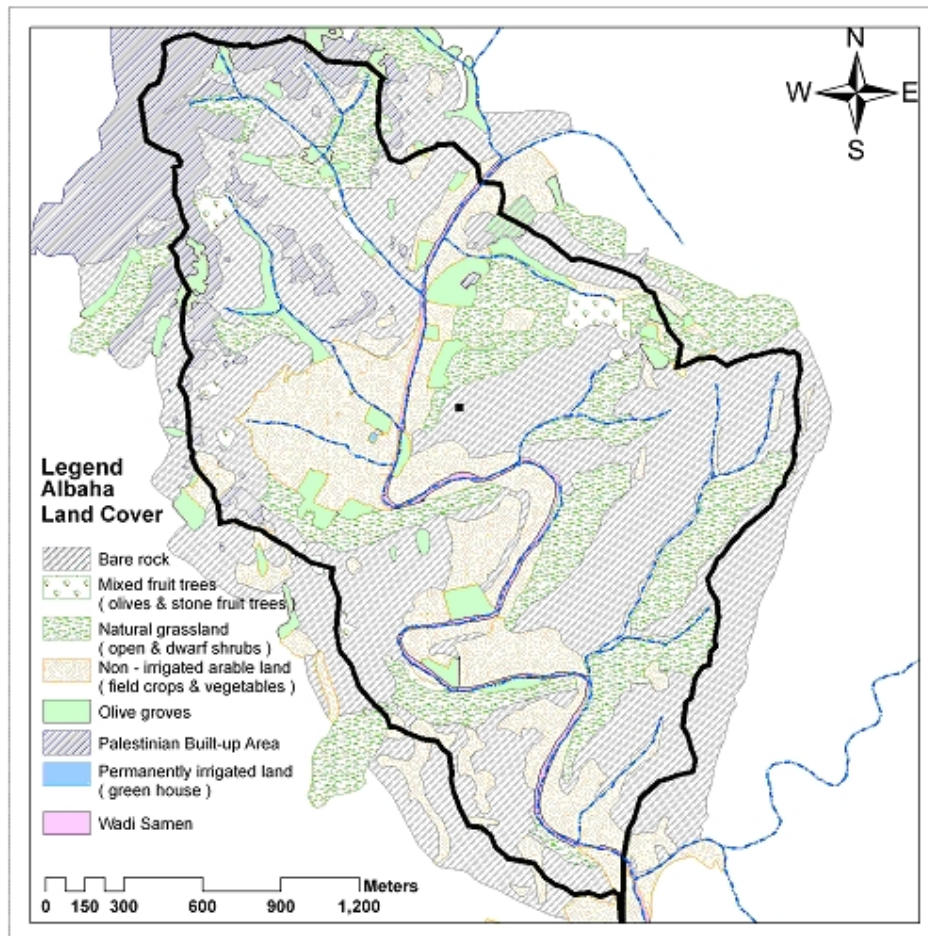
Spanish Cooperation has updated the signed contract with ARIJ to finalize the Agricultural Project Information System (APIS) project and assist MoA staff in collecting and compiling the data of agricultural institutions as well as their activities. By the end of June 2005, 110 organizations and 158 projects have been recorded in APIS with a total budget of more than \$138 million, where 23.4% of the inserted projects were completed, showing that 1.3% of them are in pipeline stage while the rest are ongoing. Additionally, the MoA staff was trained in database updating and management and a brochure about APIS was produced in three languages. APIS homepage address is <http://proxy.arij.org/apis>.

ARIJ has adapted the developed Agricultural Medium Term Plan (2005-2007) to the APIS information system format. The obtained results and recommendations for improving APIS data as well as Medium Term Developmental Plan were presented by ARIJ's General Director in the Sectoral Working Group (SWG) meeting.

ARIJ was a member of the technical advisory committee that cooperated with the olive press cooperation in Beit Jala in distributing olive fly pheromone traps and in developing a leaflet about the olive fly and its impact on the quality of olive oil. Also, ARIJ has conducted a study to measure the impact of the pheromone traps compared with the sticky yellow trap and without the usage of any type of olive fly traps. The obtained results in the first year were very optimistic and each face of the trap had captured more than 150-200 flies compared with limited number for the yellow traps (30-50 flies per face). Also, the number of infected fruits were significantly reduced due to the usage of the pheromone traps compared with other treatments. ARIJ will repeat this experiment next year.

ARIJ has completed Al-Baha Water Catchments Model and Land Use Assessment consultancy, which was contracted by the MoA through the regional agricultural project, and funded by the Danish Government. Two employees of the MoA were trained on remote sensing techniques and the application water catchment model. Furthermore, ARIJ has presented the developed water catchment

and land use model of Al-Baha area case study in the expert regional meeting, which was held during June 2005.



Map 1: Land cover map of the study area

2.3.2 Water and Environment Research Unit (WERU)

In 2005, WERU continued its work on monitoring the environmental conditions in the Palestinian areas and exploring the potential of mitigating the deterioration of the environment through a number of small scale technologies. During this year, WERU has been exploring the potential of introducing composting as means for improved solid waste management. Approximately 60-70% of the generated domestic solid waste in Palestine is organic. Open dumps in the West bank and Sanitary Landfills in Gaza Strip are reaching their maximum capacity. The lack of open space is compounding the problem. A feasible solution is to introduce centralized and backyard composting to reduce the volume of solid waste and make the way for potential future recycling of other recyclables. The designed and technological options of composting were analyzed and the aerated static pile composting was selected over other technological options and was proposed for several donor agencies.

In 2005, WERU embarked on a localizing agenda 21 at the governorate level. Contacts were made with municipal and village councils in Bethlehem governorate to gather their feed back. The response was very positive and ARIJ submitted a project proposal in cooperation with CRIC to the Life programme of the European Commission. The project was approved and will

start in February 2006 with co-financing from SDC and CRIC. The project aims at providing local and national authorities with the required support to create more sustainable communities by applying an integrated and participatory approach to local policy making. This approach attempts to integrate environmental, social and economic sustainability objectives, and to engage all sectors of the community in the decision making process. The participatory approach will be in the form of a visioning process that focuses on bringing together a broad section of the community with the local authority to develop a shared vision for the sustainability of their community and plan how to achieve it. It is the hope of the project team that its research will give special attention to community level environmental identities, giving a voice to communities whose opinions and desires are seldom considered in the formulation of environmental policies and actions.

WERU continued to develop its capacities in the field of water management keeping up with the latest technologies. ARIJ is utilizing WEAP software for integrated water resources planning assessments and policy analysis in order to provide a system for maintaining water demand and supply information in Palestine.

The World Wide Fund (WWF) and the Heinrich Boll Foundation (HBF) have worked in partnership and developed the ‘**Greening the European Neighborhood Policy (ENP)**’ project. The project aims to ensure that the new EU political (ENP) and financial framework fully incorporates and ensures proper implementation of measures aiming for sustainable development, environmental protection and public participation. It also aims to enable civil society participation, promote sustainable development and environmental integration, foster good governance, and project co-operation both between the EU member states and their neighbors, and among them. In the framework of the project, ARIJ participated in the policy seminar which was organized by the WWF and the HBF in Brussels from 4 to 10 December 2005. The main objective of the seminar was to establish cooperation between Neighborhood Countries environmental NGOs, WWF and the HBF for the future development of the ‘Greening the ENP’ project.

2.3.3. GIS and Remote Sensing Unit

In 2005, the GIS and RS unit continued to develop its capacities in the field of GIS and RS keeping track with the latest technologies, which include upgrading available software: ArcGIS 9.0 and obtaining Ecognition software that follows an object oriented approach towards image analysis. Ecognition also provides us with a wide variety of innovative features and techniques for automated image analysis, with the multitude of additional information that can be extracted from image data after segmenting it into image objects and by the possibilities to handle even textured or low contrast data, such as very high resolution (VHR), airborne, or radar data. An additional function of the GIS unit is to provide maps and statistical data for other units within the Institution and external beneficiaries of the Institute and GIS unit services from the public and official bodies of the Palestinian National Authority; including ministries and local communities.

2.3.4. Settlement Monitoring Unit

The settlement monitoring unit has continued its outreach policy to raise awareness about the activities of the Israeli occupation and their impacts. It has worked diligently with the land defence committees in the West Bank and especially within the Bethlehem committee, where

ARIJ has provided the technical support necessary for the committees to undertake their advocacy tasks.

The settlement monitoring unit has also prepared a factual presentation that was presented in front of the UN OHCHR Special Committee in Jordan in July 2005 as part of the Palestinian testimonies regarding the Israeli occupation practices. ARIJ has also performed a presentation in Cairo for the Arab Group for Christian Muslim Dialogue (of the World Council of Churches) regarding the geopolitical conditions in Jerusalem and the challenges faced by the city.

Additionally, ARIJ has continued to be an active member of the steering committee of the coalition for Jerusalem where plans and strategies for studying the master plan that the Israeli municipality has prepared for the city were formulated.

2.3.5 The Computer and Information Systems unit

In 2005, the Computer and Information Systems unit was in charge of the following activities:

- Completing the prototype of the Office Automation application system. The team developed a web based application in which users can apply for all ARIJ internal forms through the web and all approvals and disapprovals are also done on the web to try to make ARIJ a zero paper environment.
- Developing and programming APIS (the Agricultural Projects Information System) in which the team was able to develop a web based application that institutes can login with their own username and password and insert information on their agricultural projects, budgets and locations. The team also developed a GIS desktop application so institutes can use the data that is provided on the internet to be presented using maps to help institutes locate areas that needs projects.
- Development of the timesheet application and activity reports
- Fivims in which ARIJ developed a web application for users to enter their data on the web, and to generate reports.
- Installing a Video Conferencing unit at ARIJ
- Network Administration and Maintenance. ARIJ setup a new storage server (Windows 2003) with the capacity of 1.2 terra byte of hard disk.
- Constructing a new POICA Database driven website. In which any user at ARIJ that has a username and password can update the website without any knowledge in html. Ease of use was one of the most important issues to take in consideration.
- Writing an Information Technology Security proposal as a part of joint project with GIFTA.
- Conducting an IT workshop for university professors to encourage IT research in Palestine.
- Partnership with The Bethlehem Alliance which is trying to introduce internet II in Palestine and gave a demonstration about using Video Conference.
- Co-founder of the Palestinian Association for the Development of Internet 2 (PADI2) which is a Palestinian Nonprofit association of Higher Education Institutions, Research Centers, Health Organizations, Cultural Centers and Public Benefit institutions in Palestine. The members of PADI2 are working together to engage local governmental organizations and international bodies to prepare Palestine for internet2 as well as to facilitate the introduction and use of Next Generation Internet. ARIJ is a member of the executive, administration and technical committees. Computer & Information Systems unit at ARIJ play a major part in the technical committee by using GIS to try to find the best way to connect all institutes together without the need of using the Paltel infrastructure.

- CISU developed the military orders database, in which employees from other departments can insert information regarding Israeli military orders in the west bank and Gaza strip with the ability to upload scanned versions of the orders, and then specific reports were developed to be used by the employees.
- Designed and developed a website for the Middle East Regional Agricultural Program and is hosted at ARIJ.
- Designed and developed a web based Socio-Economic Surveillance System for Tubas Governorate in which admin users can create questionnaires, and entry users can fill in the information on each questionnaire and then reports can be generated according to user demand.
- Creating Animated flash presentations for ARIJ work such as ARIJ Christmas message, and Israel disengagement from Gaza strip animated presentation.

2.4 Consultancies

In recognition of its capabilities, and in line with its medium strategy, ARIJ was able to execute a number of consultancies during 2005 that included:

- ***Development of a Water Catchments Information System (WCIS) for Al Baha Village:*** This consultancy was commissioned by the Ministry of agriculture (MOA) and DANIDA to study the water resources and land use in the catchment area of 500 dunums and develop a plan for natural resources management in the area.
- **Updating the Agricultural Projects Information Systems (APIS)**, training MoA staff and developing brochure about APIS. This consultancy was commissioned by the Spanish Cooperation.
- **Training 45 farmers on home gardens management** for SAFES project in Jenin.
- **The conducting of the baseline survey** for SAFES project in Jenin. An integrated analytical report about the socioeconomic conditions of project beneficiaries was produced and submitted.
- ***Regional Agro-biodiversity conservation project:*** ARIJ is executing this consultancy for the UNDP as part of its regional project to promote the conservation and preservation of important wild relatives and landraces agricultural species. The final botanical report was submitted and the final workshop was conducted with the participation of 19 specialists from MoA with the contribution of the Deputy of the Ministry.
- **Providing geo-data and analysis** about Israeli colonizing activities in the West Bank to PANORAMA
- **Production of poverty and Geopolitical maps of the West Bank.** This service was requested by UNSECO.
- **Web design for Danish agricultural regional project.** A web page was developed for the project including background, project documents and activities.
- **Training 12 persons on GIS applications.** This training was provided for NTC.
- **Conducting an Environmental Assessment Study about the designated nature reserves in the southern part of the West Bank.** UNDP commissioned ARIJ to conduct this study.
- **Developing surveillance system for Tubas Governorate.** This activity is being conducted in cooperation with ACH and aims to survey and analyze the socioeconomic situation for the Palestinian people in different localities of Tubas district. All generated information is being published on the project developed website. The web site address is: **WWW.proxy.arij.org/tubas**.

- **Training 10 Journalists in environment and natural resources management** for Ma'an Center.
- **Writing a project proposal entitled Livelihood Improvement in the Palestinian Occupied Territories "LIOPT"** for Care International.
- **Preparing an Assessment report on the status of Medicinal and Aromatic Plants in Palestine.** UNDP in cooperation with MoA commissioned ARIJ to conduct an assessment report regarding the status of Medicinal and Aromatic Plants including stakeholder analysis and needs for improving roving this sector as background for the project entitled Mainstreaming Biodiversity Management Consideration into Medicinal and Aromatic Plants Production Processes for submission to GEF.

2.5. Human Resource Development

ARIJ strongly believes that the development of human resources is a key element in creating a dynamic and innovative science and technology culture that will ultimately contribute to the well being of the country. Changes are based on the global economy, on changing technology, on the changing work force, on cultural and demographic changes, and on the changing nature of the work itself. Throughout their turbulent history, Palestinians have maintained a deep and abiding commitment to education to sustain their survival. However, the educational system in Palestine has not been able to provide a critical mass of qualified scientists needed for the creation of sound research and a development base. Therefore, ARIJ has to embark on a long term plan for promoting its human resources to build a team of well-trained and experienced researchers, managers and support staff in the fields of agricultural, environmental, GIS and water research. ARIJ is aware of the needs of its staff to learn new skills and develop new abilities, respond to the changes in their lives, their careers, and their institution. The goal of ARIJ is to improve its performance by maximizing the efficiency and performance of its people. ARIJ is going to develop its knowledge and skills, its actions and standards, its motivation, incentives, attitudes and work environment. To improve its capacity, research staffs have been sent to pursue post graduate studies that will improve their knowledge and that are related ARIJ needs. In addition, ARIJ provided and will continue to provide the opportunity for its staff to attend short term training courses to promote their capabilities within and outside Palestine.

ARIJ Staff 2005		
Abeer Safar	Research Assistant	
Ahmad al Atrash	Research Assistant	
Ahmad Ghayatha	Research Assistant	
Ali Ghayatha	Research Associate	
Anwar Qabajah	Research Associate	
Bassam Daraghma	Research Assistant	
Elia Khalilieh	GIS Technician	
Elias Abu Muhor	Research Assistant	
Fadi Isaac	Director, Computer unit	
Fahd Abu Saymeh	Administrative Director	
Fida' Abdel Latif	Director, Settlements watch	

Firas Qaimary	Research Assistant	
Firas Badran	Research Assistant	
Fuad Daoud	Research Assistant	
Ghassan Darwish	Research Assistant	
Ghassan Shaheen	Research Associate	
George Kheir	Research Assistant	
George Mansour	Research Assistant	
Haitham Hasasneh	Agricultural Engineer	
Hamzeh Halaibeh	Research Assistant	
Helen Ghawali	Research Assistant	
Helen Murad	Financial Director	
Hiyam Hazineh	Research Assistant	
Inas Bannourah	Research Assistant	
Isam Ishaq	Research Associate	
Issa Zboun Zboun	Coordinator, GIS	
Iyad Khalifeh	Research Assistant	
Jad Isaac	Director General	
Jane Hilal	Director, WERU	
Juliet Bannoura	Research Assistant	
Khader al Sus	Financial Assistant	
Khaldoun Rishmawi	Research Associate	Study Leave
Laila Saqqa	Resource Centre Officer	
Lina Kheir	Research Assistant	
Manal Badra	Research Assistant	
Mayada Laiosn	Research Assistant	
Miriam Salahat	Janitor	
Moh'd Abuamriya	Research Assistant	
Moahammad Slaimiyah	Research Associate	
Nader Hrimat	Assistant Director General	
Nael Jubran	Research Assistant	
Nezar Handal	Research Assistant	
Rania Maleha	Research Assistant	
Raed Abed Rabbo	Public Relations Director	
Roubina Ghattas	Research Associate	
Saher Hilal	Financial Assistant	Study Leave
Shukri kasakseh	Research Assistant	Study Leave
Suha Nazzal	Secretary	
Suhail Khalilieh	Research Assistant	
Sulafa Musallam	Research Associate	
Waddah Shamroukh	Research Assistant	
Isam Bannoura	Research Assistant	

2.6 Cooperation, Coordination and Networking

2.6.1 Cooperation with the PNA

ARIJ continues to work hard to foster a relationship of close cooperation with the various Palestinian ministries and institutions especially the Palestinian Ministry of Planning (MOP), Ministry of Agriculture (MOA), Ministry of Local Government (MLG), Ministry of Education and Higher Education (MOEHE), Environmental Quality Authority (EQA), Negotiations Affairs Department (NAD), Palestinian Water Authority (PWA) and the Palestinian Central Bureau of Statistics (PCBS).

Cooperation with the Ministry of Agriculture in

- Developing APIS web application and is in charge of updating it and training organizations how to enter their data. Also, ARIJ has trained two of the MoA engineers in operating the database and monitoring the data entry process.
- Membership of the Agrobiodiversity Steering Committee and Task Force.
- Member of technical advisory team for developing bylaws according to the agricultural law for nurseries, seed improvement and forestry subjects.
- Representing MoA in the Danish Agricultural Regional Project as a national expert.
- Conducting joint workshop with MoA to discuss the results of conducted botanical survey for the targeted sites of the regional Agrobiodiversity project.
- Workshop to identify stakeholders, threats and assumptions for medicinal and aromatic plants in Palestine.
- Membership of the Coordination Committee comprising MOA and NGO's working in the field of agriculture to promote coordination and joint programs to address the emerging needs of the agricultural sector.
- Focal point for ARDI-Palestine
- Membership of the Steering committee of VIFIMS.
- ARIJ was contracted with MoA to conduct an assessment study on Al-Baha Water Catchments Model and Land Use analysis. Two employees of the MoA were trained in remote sensing techniques and the application of water catchment models.
- ARIJ has representative MoA as a national expert in Dryland farming and GIS in the expert meetings of the Danish regional project.
- ARIJ has trained some MoA extension agents on the management of greenhouses, and they joined ARIJ agronomy specialists in their extension visits to the beneficiary farmers.

Cooperating with the Negotiations Affairs department (NAD) in

- Preparing and analyzing Position papers
- Meetings and consultations
- Data compilation
- Providing statistical and spatial data about land use and natural resource

Cooperating with the Ministry of Education and Higher Education in

- Participating in TEAM meetings of the EU in the field of remote sensing and GIS.
- Membership of the Scientific Research Council.
- Working on the green paper for research Strategy and policy in Palestine

- ARIJ is one of the founding members of PADI2 (Palestinian Association for the Development of Internet2). The members of PADI2 are working together to engage local governmental organizations and international bodies to prepare Palestine for internet2 as well as to facilitate the introduction and use of Next Generation Internet

Cooperating with the Environmental Quality Authority in

- Monitoring environmental degradation in the West Bank through conducting field surveys and doing qualitative and quantitative analyses for different environment quality parameters.
- Environmental Awareness
- Testing small scale waste water treatment.
- Working with the Palestine Standards Institution to develop the Palestinian standards of both treated wastewater and air quality.
- Waste policy analysis.
- Membership in the Environmental Group in Bethlehem Governorate.
- Environmental Impact Analysis of the proposed Philadelphi canal in Gaza.
- Development of Environmental information system

Cooperating with the Ministry of Local Government in

- Producing land use and urban expansion maps including the urban master plans for different municipalities of the West Bank and Gaza Strip.
- Providing GIS and remote sensing information for the Ministry's engineers and planners
- Conducting joint workshops to disseminate the results of the urbanization assessment
- Establishing joint committees to address urbanization issues.
- Membership of the Technical Advisory Committee for Physical Planning Project
- Using the GIS application to assist the Ministry in determining the location of the Palestinians land ownership whether located in Area A or B or C, before giving building permits.
- Archiving and analyzing the available master plans for the Palestinian localities of the West Bank and Gaza Strip.
- Conducting analytical studies for the urban management strategies and policies being implemented by the main municipalities of Bethlehem Governorate and possible developments to improve their performance.
- Distributing hard copies of the produced book entitled "the impact of urban expansion on the socioeconomic conditions of the Palestinians" to all the municipalities and MLG directorates.

Cooperating with the Palestinian Water Authority in

- Assessing the environmental impact of the Israeli colonies wastewater in the West Bank
- Exchange of data for the "SUSMAQ" project about water management in the Western Basin.
- Membership in the EWASH group.

Cooperating with the Palestinian Central Bureau of Statistics in

- Providing PCBS with updated statistics about the Palestinian Land use land cover and statistics regarding the Israeli colonies in the Palestinian Territories and about the segregation wall.
- Becoming as one of its main sources for Israeli colonizing activities and land use/land cover data for the PCBS.
- Participating in the development of measurable indicators for land use/land cover and Israeli colonizing data and indicators.
- Assisting in the mechanism of institutional data uniformity and data exchange.

2.6.2 Cooperation with Civil Society Institutions

- ARIJ in cooperation with LRC (Land Research Centre) continues to work closely on monitoring the Israeli colonizing activities and the progress in the separation wall.
- ARIJ is a member of the national committee for land protection.
- ARIJ is working jointly with the Palestinian Centre for Human Rights (PCHR) in Gaza in monitoring settlement activities in Gaza. ARIJ trained a number of staff from PCHR on GIS and its use in monitoring land use changes.
- ARIJ is a member of PNGO and is working actively with the network in its advocacy and lobbying work.
- ARIJ is working with local environmental NGO's in promoting environmental awareness and launching activities such as cleaning campaign and tree planting.
- ARIJ initiated contacts with the department of cartography and Hasso Platte Institute at Potsdam University, which culminated in a number of visits by ARIJ staff aimed at institutional cooperation and development of joint research projects.
- ARIJ is a founding member of the Global Institute for Technology Advancement "GIFTA", which is a non-profit organization, registered in the USA and dedicated to improve the daily lives of people in the "developing countries" by promoting technology advancement.
- ARIJ is cooperating with the ICRC, OCHA, OCHR, UNEP, FAO and UNSCO by providing valuable information in its field of expertise.
- ARIJ testifies before the UN OHCHR special committee to investigate Israeli practices affecting Palestinians.
- ARIJ is a member of working group 1 of the Land Water Med Network, which includes representatives from Egypt, France, Lebanon, Jordan, Morocco, Tunisia and Palestine.
- ARIJ is a member of the Habitat International Coalition (HIC) of the Housing and Land Rights Network (HLRN).
- ARIJ worked closely with the UNEP delegation, which visited the OPT and produced a desk study on the environmental conditions in the OPT.
- ARIJ is working with FAO in its efforts to produce a vulnerability and poverty map for the OPT using the FIVIMS program. ARIJ is a member of the steering committee, which will establish the information system for improving nutrition and food security in the OPT.
- ARIJ is working with CARE international and the Agricultural Engineers Cooperative to implement a food security project in Jenin governorate.
- ARIJ is working with CARE international and ESDC to implement Livelihood Improvement in Occupied Palestinian Territories project (LIOPT) which is targeting poor rural families in 9 villages in Jenin and Tubas.
- ARIJ is working with ACH on developing a surveillance system to investigate and analyze socioeconomic conditions of Tubas Governorate.
- ARIJ is involved in the MEEF research initiative, which is coordinated by the Watson Institute of International Studies at Brown University, USA. The goal of the MEEF project is to produce policy-relevant research and publications on the ecological region shared by Palestinians and Israelis.
- ARIJ has been invited to be a member of the Joint Advisory Committee for the "GLOWA Jordan River" project within the German research program "Global Change in the Hydrological Cycle (GLOWA)" funded by the German Federal Ministry of Education and Research (BMBF).
- ARIJ is also working with the Mediterranean Eco-operation Program (MEP) in promoting regional environmental cooperation. In addition, ARIJ is a member of the Global Water Partnership (GWP).

- ARIJ is continuing its activities to promote NGO cooperation in the Arab world through the Arab NGO network.
- ARIJ is a founding member of the sustainable livelihood in drylands network in the region.
- ARIJ is also a participant in the World bank initiative entitled “ the Mediterranean Forum Development “, which aims to promoting developmental cooperation in the region.
- ARIJ is a member of the Arab Water Council and The Arab Water Network.
- ARIJ is a member of the urbanization monitoring system in Palestine within the UN habitat.
- ARIJ is the focal point for the Regional Agricultural Rural Development Initiative (ARDI).
- ARIJ is working with ICARDA to prepare and submit project proposals on climate change.

2.7. Conferences and workshops

Despite travel restrictions on Palestinians imposed by Israel, ARIJ staff organized and attended a number of conferences and workshops that were held locally and internationally (Annex 1).

2.8. Meetings and Visits

In 2005, ARIJ was very active in hosting a number of visitors who came either for information or developing potential partnerships (Annex 2).

2.9. Dissemination of information

Since its establishment, ARIJ has published more than 120 research articles, book chapters and books in addition to hundreds of case studies that are on its homepage (Annexes). Considering the restrictions imposed on movement and accessibility, ARIJ found it imperative to use the world-wide web to disseminate its findings and communicate with the world. The following tables show the number of visitors to ARIJ homepage in 2005 and the changes over the past five years.

Changes in the number of visits to ARIJ homepage between 1999 and 2005	
Year	Number of Hits
1999	516,142
2000	1,277,561
2001	2,191,187
2002	1,734,378
2003	3,142,746
2004	3,904,997
2005	4,667,248

Poica hits	
2001	817042
2002	759399
2003	556753
2004	2485162
2005	3279014

It is quite evident from the number of hits in the website that there is great demand for the information provided by ARIJ. While such demand encourages ARIJ to keep up in the provision of data, there is a growing concern among ARIJ staff that putting so much information on the internet may be counter productive. In several cases, the maps, figures and other data on ARIJ homepage has been used and disseminated without proper acknowledgement to the source. Considering the significance of providing reliable information on the situation in Palestine, it was decided that ARIJ continues its current policy of disseminating the information as widely as possible despite the concern regarding the intellectual property rights. Realizing the high traffic on ARIJ's website, it was decided to expand the capacity of the internet connection for downloading and uploading using ADSL.

This year, ARIJ intensified its work to increase the local communities' awareness regarding the separation wall and the threats of Israeli colonizing activities. To achieve this goal, ARIJ staff launched a campaign to promote awareness of the impacts of the segregation plan in the various Palestinian districts. In addition, ARIJ staff participated in a number of international and local TV programs to present the maps and data and therefore benefit a bigger number of people nationally and internationally. Several presentations were made throughout the year for different international groups and decision makers as shown in Annex 3. In most cases, the presentations were distributed on a CD to the guests who have used them widely in their advocacy and lobbying work. Due to the great demand for the presentations, ARIJ found itself obliged to put it as downloadable file on its homepage where it has been published on a number of electronic journals.

2.10. Publications in 2005

- **Jad Isaac and Abeer Safar**, 2005, Roots of water conflict in the Eastern Mediterranean, International Conference, Water : Values and Rights, Palestine Academy Press.
- **Jad Isaac**, 2005, Palestinians Fear of a Dry Peace, Beir Zeit University Water Day.
- **Jad Isaac, Hans Peter Wolf and Kamal Quba'a**, 2005, The national policy and legislation for promoting the conservation of agro-biodiversity in the Palestinian Authority, Ministry of Agriculture.
- **Jad Isaac, Walid Halayqa, Anwar Qabaja, Manal El-Butmeh, Jane Hilal and Nael Jubran**, 2005, The environmental impacts assessment of the Israeli segregation plan on Battir village, ARIJ.
- **Jad Isaac and Abeer Safar**, Environmental Degradation and the Israeli – Palestinian Conflict, Encyclopedia of the Israeli-Palestinian conflict, Cheryl Rubenberg, editor, Lynne Rienner Publishers, Inc. (In press)
- **Jad Isaac and Fidaa Abdel Latif**, Land in the Israeli-Palestinian Conflict, Encyclopedia of the Israeli-Palestinian conflict, Cheryl Rubenberg, editor, Lynne Rienner Publishers, Inc. (In press)
- **Jad Isaac**, 2005, Water Resources and the Israeli-Palestinian Conflict, Encyclopedia of the Israeli-Palestinian conflict, Cheryl Rubenberg, editor, Lynne Rienner Publishers, Inc.(In press)
- **Jad Isaac**, 2005, The Challenges of Resurrecting Israeli Palestinian Peace, International conference "From Gaza to Nowhere", the Heinrich Boell Foundation.
- **Jad Isaac**, A Palestinian Perspective on the Israeli - Palestinian conflict on Settlements, Territory and Borders, Middle East Peace and Security, David Newman and Mohammed Dajani, editors, Burkle Center Book Series, Routledge, (In press).

- **Jad Isaac and Nader Hrimat**, 2005, Assessing the Impact of Israel's Segregation Wall on the Palestinian Agricultural Biodiversity, International Conference: Promoting Community-driven Conservation and Sustainable Use of Dryland Agrobiodiversity, ICARDA, Aleppo, Syria.
- **Khaldoun Rishmawi, Nader Hrimat, Neil Eagleton and Jad Isaac**, 2005, Using Medium-high Spatial Resolution Satellite Data to Monitor land Use and Biomass Changes in the Dead Sea Basin, International Conference: Promoting Community-driven Conservation and Sustainable Use of Dryland Agrobiodiversity, ICARDA, Aleppo, Syria.
- **Nader Hrimat and Mohammad Abu Amryieh**, 2005, "The Impact of Supplementary Irrigation on Winter Wheat in Southern Part of the West Bank - Palestinian territories, International Conference: Promoting Community-driven Conservation and Sustainable Use of Dryland Agrobiodiversity, ICARDA, Aleppo, Syria.
- **Jane Hilal and Sophia Sa'ed**, 2005, "Using a Geographic Information System and Remote Sensing to Delineate Agro-Ecological Zones for the West Bank, International Conference: Promoting Community-driven Conservation and Sustainable Use of Dryland Agrobiodiversity, ICARDA, Aleppo, Syria.
- **Nader Hrimat and Mohammad Abu Amryieh**, 2005, ARIJ Experience in seeds improvement and conservation of Palestinian landraces. PEREK, National Conference on Seeds Conservation, Tel, Nablus, Palestine

2.11. ARIJ Case studies

During 2005, a total number of 141 case studies and 4 quarterly reports - that cover the Israeli activities in the Palestinian Territories - were written and published on the POICA website (the joint website between ARIJ and LRC), of which 84 case studies were prepared by ARIJ and were also disseminated on ARIJ's web-site Eye on Palestine, in addition to 12 monthly reports and 9 online publications. Annex 4 shows the titles of the case studies and reports published at POICA.

3. Work Plan 2006

3.1. Institutional Development

During the coming years, ARIJ will be working on developing and implementing its institutional capacity building in light of the recent political developments as well as the internal and external evaluation conducted. In particular, ARIJ will be working on the following:

3.1.1. Administration and Management

- Developing a Grants Management procedures manual.
- Developing ARIJ's internal regulations and internal laws.
- Developing ARIJ's financial management System.
- Establishing an Internal Auditing and Quality insurance system.
- Developing IT control and management procedures.
- Completing the office automation application system
- Developing an integrated administration system for ARIJ.
- Developing a database application for all ARIJ archives,
- Developing a new ARIJ web site with a database back end and portal system.
- Increasing security on ARIJ system and the web applications that ARIJ developed.
- Expansion of its board.
- Developing a safety and security handbook.
- Developing a volunteers and interns work manual.
- Developing a Human Resources Manual.

3.1.2. Organizational Development

- Restructuring its research units to meet the new challenges

3.1.3. Infrastructural Development

- Finishing the construction work on the new building
- Exploring the potential of establishing an environmental technology institute and an urbanization monitoring center.
- Establishing the first Palestinian eco-village at Ghalaktion
- Working on improving the Video conference capabilities in Palestine in coordination with Bethlehem University and Al Quds University.
- Upgrading its computer system and network.

3.1.4. Human Resource Development

- Developing a strategy to retain and develop its human resources.
- Working with Bethlehem University and the University of Pavia in developing an M.A program in international development.

3.1.5. Planning and Monitoring

- Developing a Logical Framework for ARIJ that links objectives with strategies and performance indicators.
- Identifying and documenting the environmental factors affecting its operations including success factors and developing a plan to benefit from those external factors or to mitigate the risks resulting from them.
- Regularly conducting a SWOT analysis.
- Implementing an internal audit function based on current and future expected activities of ARIJ.
- Updating its MTP plan.
- Developing a monitoring and evaluation tracking system.
- Developing a monthly project tracking sheet.

3.1.6. Risk Assessment

- Developing a formal risk management process to clearly identify all types of risks affecting ARIJ operations.

3.1.7. Conducting a Stakeholder and Impact Analysis

3.1.8. Research Program development and networking

- Promoting research linkages and affiliations with local and international research institutes
- Developing ARIJ as a centre of excellence in its area of expertise
- Promoting cooperation and coordination with local research initiatives at both governmental and non-governmental levels.
- Building a relationship with the local industries

3.1.9. Improving its sustainability through

- Increasing the endowment.
- Diversifying the sources of funding.
- Securing medium term support for its overall program through core funding.
- Increasing the number of consultancies.
- Generating income from services locally and sales of its publications.
- Establishing affiliations with international research institutions and universities.
- Securing funding from the PNA for its operations.
- Investing in potential income generating projects that link the results of applied research with the local community.

3.2. Implementing the currently funded projects

- An Institutional Support Program for the Applied Research Institute – Jerusalem (ARIJ) between January 2006 and December 2008, Funded by Swiss Agency for Development and Cooperation (SDC)
- Analysis of Urban Trends and Land Use Changes in Gaza Strip, between 2001 – 2005.
- Trans-boundary Air Quality Effects from Urbanization
- The Future of Dead Sea Basin: Options for More Sustainable Water Management
- Monitoring the Israeli activities in the Occupied Palestinian Territory and assessing their impacts on the viability of a future Palestinian statehood
- Policy tools towards sustainable land use and urban environmental management at the municipal level under a transitional political context. The case of Bethlehem district, Palestine.
- Activated Sludge Filtration System for Wastewater Treatment in the West Bank.
- Status of Environment in the West Bank and Gaza Strip (SOER)
- Improving Plant Production to Enhance Household Food Security in Marginalized Communities of Bethlehem Governorate (Phase Six)
- Improving Plant Production to enhance Food Security of Farming Communities in Rural areas of the Bethlehem Governorate
- Sustainable Access to Food and Economic Security in Jenin (SAFES Jenin)
- An emergency Program for Enhancing Household Food Security of the Farming Communities in the Rural Areas of Bethlehem, Hebron and Tubas Governorates

- Livelihood Improvement in the Occupied Palestinian Territories (LIOPT)
- Inventory of the Palestinian Forest Trees
- Enhancing Rural Household Food Security in the Southern Part of the West Bank (ERHFS)

3.3. Other Activities

- Developing an interactive atlas of Palestine
- Developing the Spatially Referenced Palestinian Environmental Information System in a stand alone application for proper dissemination.
- Updating the Palestinian Environmental Information System using Mapserver.
- Producing a remote Sensing Atlas of Palestine
- Locally manufacturing and the testing of the efficiency of the Small Scale wastewater treatment plant

3.4. Provision of services and participation in activities

ARIJ plans to promote further cooperation and joint work with the Palestinian ministries and national institutions. ARIJ will continue providing different types of services for the local Governmental and non-governmental institutions, in addition, to the local people in its relevant fields of specialty. ARIJ will also provide services through continue monitoring and updating the Israeli activities and its new orders in terms of colonies expansion, check points, by pass road and recently the progress in constructing the Israeli segregation wall and its impact on the Israeli-Palestinian conflict resolutions and the Palestinian socio-economic, environmental, and security status.

3.5. Executing Consultancies including

- APIS (Spanish Cooperation)
- Providing training for SAFES and LIOPT projects (CARE International)
- Surveillance system (ACH)
- Environment Information System for Gaza Strip (UNEP)
- Environment Awareness (JICA)

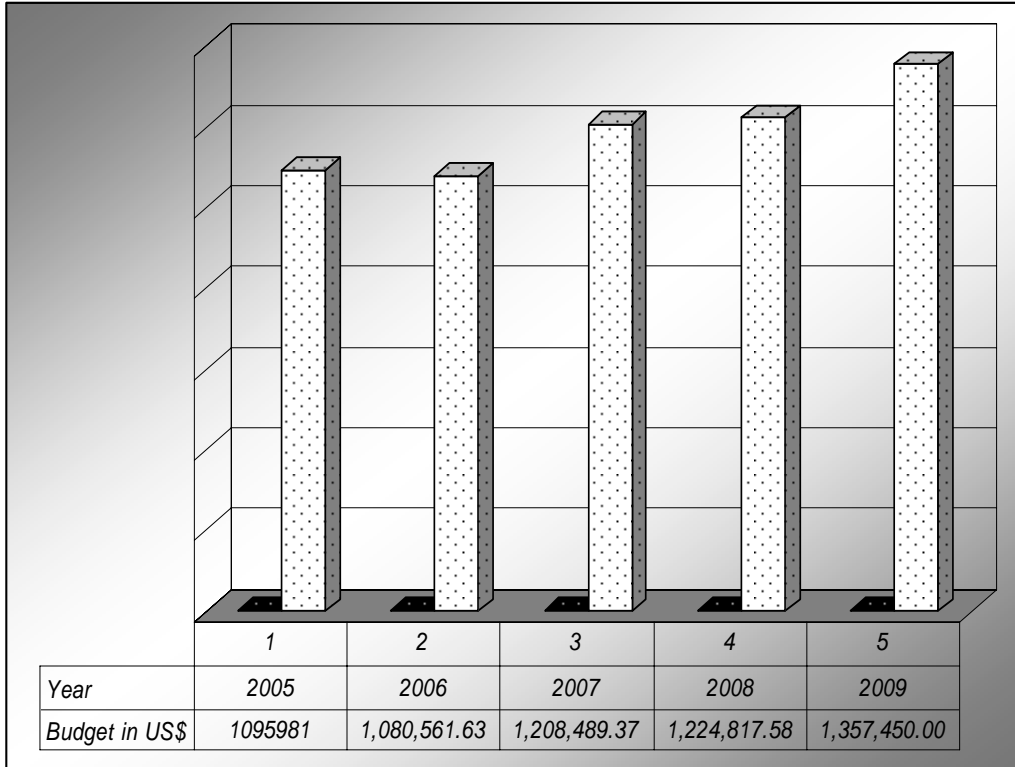
3.6. Developing New project proposals

- Assessing Land Degradation./ desertification.
- Eco-geographical Survey of the Wild Legumes.
- Conservation of Forage Legume Plants in Palestine.
- Improve and conserve the field crops seeds of Palestinian landraces.
- Impact of Climatic Change on Palestinian environment.
- Assessing small scale waste treatment plants and reuse.
- Risk Assessment of industrial zones.
- Developing Sustainable Development Indicators for Palestine.
- Jordan Valley Information System (JOVIS)
- Transboundary Water shed Information System (TWIST)
- Environmental Sustainability for a better life: An integrated Approach for Localizing Agenda 21 in the Bethlehem District.

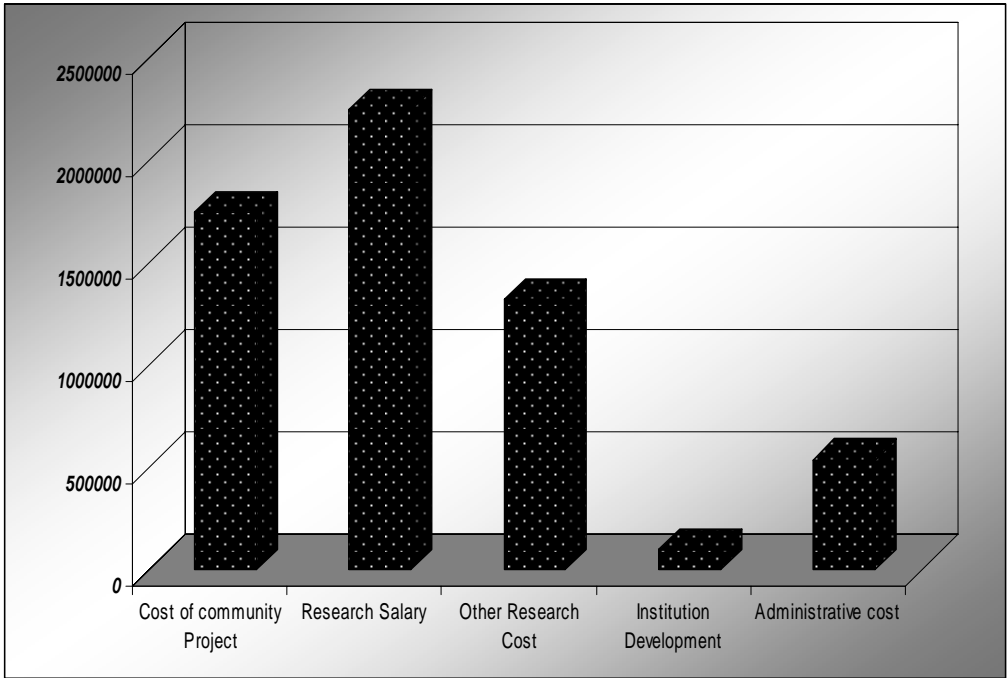
- Compiling an Integrated Socio-economic and Physical Infrastructure Database for the Palestinian localities in the West Bank.
- Surveying and documenting the status of Palestinian olive trees in the Palestinian Territories.
- Producing a Security Configuration Expert System (SCES)
- Monitoring Settlements in the Occupied Golan Heights: History, Present and Future Perspectives.
- Monitoring the Israeli activities in the Occupied Palestinian Territories and assessing their impacts on the viability of a future Palestinian statehood
- Integrated Watershed Management in Qalqiliya and Salfit Districts
- Water Harvesting and Wastewater Reuse: Towards Developing the Water Resources in the Bethlehem and Hebron Governorates
- Establishing a Compost Facility in the Halhul Region.Hebron

4. Estimated Budget

The following graph shows ARIJ's estimated budget for the coming four years as per the mid term strategy.



The following graph shows the distribution of the previous one.



ANNEXES

Annex 1: *Conferences and workshops*

Date	Work shop/ conference Description	Participants
4/1/2006	“Assessment of Supply /Demand Gap and Evaluation of the Suitable Conservation Measures towards Sustainable Water Resources in Palestine” organised by House of water and environment office.	Jane Hilal
5/1/2005	Focus group meeting to discuss Scenarios for Future Development in the Dead Sea Basin. Organized by the ARIJ.	Jad Isaac/ Khaldoun Rishmawi/ Abeer Safar
26/1/05	Planting trees festival with Beit Sahour municipality	Jad Isaac, Issa Zboun
26/1/05	World Social Forum WSF in Brazil.	Juliet Bannoura
29/1/05	Palestinian Environmental Authority work shop.	Jad Isaac, Khaldoun Rishmawi, Abeer Safar
31/1,1/2/2005	Projects needs assessment training workshop/ACDI/VOCA, Ramallah	Fahd Abu Saymeh & Ali Ghayadah.
2,3/2/2005	Farming as a Business training workshop/ ACDI/VOCA, Ramallah.	Ali Ghayaddah
26/2/2005	Palestinian Environmental law workshop organized by Water and Environmental development organization (WEDO).	Enas Bannoura
26-27/2/05	P.E.A.C.E. (Palestinian / European / American / Co-operation in education conference) university cooperation for the progress of civil society in Palestine at Bethlehem university.	Jad Isaac / Maher Frijat
14/3/05	1st Ram Allah intentional conference with the Palestinian center for the dissemination of information of democracy & community development.	Jad Isaac / Raed Abed Rabbo
15-17/3/05	Specialized work shop with Ministry of planning concerning the national food security strategy.	Nader Hrimat
20-23/3/05	Specialized meeting with the Arab Group for Christian – Muslim Dialogue to discuss Christian Moslems relationship/ Jerusalem and future plans.	Fida’ Abdel Latif
28-30/3/05	Peace in Palestine – International conference, Putrajaya International Convention Center, Malaysia	Jad Isaac
5/4/05	Work shop concerning settlements organized by the Palestinian central bureau of statistics.	Khaled Zeidan/ Issa Zboun
15/4/2005	A conference entitled “Water Day” in Birzeit University.	Ashraf Zaghal
16/4/05	International Conference entitled: Promoting Community-driven Conservation and Sustainable Use of Dryland Agro-biodiversity conducted in ICARDA, Aleppo, Syria in April 2005.	Jad Isaac / Nader Hrimat
2/5/05	International Conference Water Values and Rights / Ram	Jad Isaac

	Allah.	
3/5/2005	1st meeting of the technical committee formed by the Environmental Quality Authority to follow up the illegal dumping of the Israeli hazardous waste in the Palestinian Territory.	Abeer Safar Safar
16/5/05	Specialized work shop in Ram Allah with PCBS entitled Statistical Indicators for the effects of the wall on local community in Bethlehem district.	Suhail
25/5/05	Specialized workshop organized by ARIJ and Bethlehem Governorate entitled Bethlehem Governorate under the Shadow of Settlement and Separation Wall, and their impacts on Final Solution.	Jad Isaac/ Issa Zboun/ Suhail/ Raed Abed Rabbo
28/5/2005	2nd Workshop to devise the National Food Security Strategy, MoP, Ramallah	Nader Hrimat
1/6/2005	Agricultural nurseries rules and regulations/ Ramallah, MOA.	Mohammed Abu Amerieh
8/6/005	Participated in Gender analyses workshop, ICDI/VOCA, Ramallah	Ali Ghayaddah
13/6/2005	Solid waste management project for Ramallah and Al-Bireh District with the Ministry of Local Government.	Abeer Safar Safar
15/6/2005	Technical meeting to establish cooperation mechanism among the Agricultural NGO's and MoA, MoA Directorate in Bethlehem.	Abu Amryieh
18/6/2005	Workshop on discussing the Regulations of the Joint Council for solid waste management in Bethlehem District that was held in Bethlehem and organized by the Ministry of Local Government.	Abeer Safar Safar, Ghassan Darwish
22,23/6/2005	Regional agricultural project (MERAP), experts meeting, Haifa, Israel	Nader Hrimat
28, 29/6/2005	Australia Middle East Non Governmental Organization Cooperation Agreements (AMENCA) workshop, Guidelines and plan of action for potential Grantees, Ramallah	Nader Hrimat
7/7/05	Water and Environment Research Unit Organized a Focus Group Meeting on Wastewater and solid Waste Management for Governmental and Non-Governmental Organizations and the presence of SDC at Grand Park hotel in Ramallah.	Jad/ Khaldoun Rishmawi/ Abeer Safar/ Raed Abed Rabbo
14/7/2005	A workshop in Ramallah where the discussions took place describing the draft of the 8th issue of social monitor.	Anwar Qabaja
16/7/05	Specialized Study Day: Jerusalem and its role in shaping the event, seeing its present through the eyes of Faisal Husseni,	Jad / Raed Abed Rabbo
25/7/05	Specialized work shop in Ramallah with Al-Mustaqbal foundation & East West Institute in Arizona state university concerning the Eres and Gaza Industrial Estates Catalysts for Development.	Jad Isaac / Raed Abed Rabbo
27,28/7/2005	Workshop to discuss community needs assessment to develop LIOPT project document, CARE International, Jenin.	Nader Hrimat & Abu Amrieh
29/7/2005	Red –Dead Channel Workshop in Ramallah organized by ARIJ	Jad Isaac
30/8/2006	To discuss soil analysis results for the agro biodiversity project sites workshop, LRC & MoA/ Ramallah.	Nader Hrimat

6-14/8/05	Training course concerning Aerobic Wastewater Treatment: Principles and Techniques, Water Studies Institute – Birzeit University	Abeer Safar / Enas Bannoura
9/8/05	Specialized work shop with Panorama entitled Needs of Urban Strategic Planning after the Israeli Redeployment: proposed technical and theoretical sides.	Jad Isaac / Raed Abed Rabbo
15/8-15/9/2005	Participating in training course in United States concerning: *Use of the MM5 Mesoscale met- model, completed NCAR storm of century simulation on Department Linux Machine at San Jose State University. *Maintenance procedure for air quality instruments, BAAQMD Bay Area Air Quality Management District, San Jose, United states of America. * Attendance at Meteorology 131 (Air Pollution Meteorology) lectures on topic of PBL turbulence. * DRI air quality laboratory at the University of Nevada, Reno, United States of America	Ghassan Darwish
23/8/2005	Workshop “Conservation and sustainable use of dry land Agro-biodiversity project” organized by ARIJ	Jane Hilal
29/8/2005	The First Palestinian Scientific Day “The Potential of Developing the Sector of Wastewater Reuse for Agricultural Irrigation Purposes” that was organized by the Ministry of Agriculture in Ramallah	Abeer Safar /Ali Ghayyada
12/9/2005	Olive Oil Council meeting, Ramallah, MoA	Mohamed Salimiya
15/9/2005	The rule of social and governmental organizations in conserving and developing the local seeds (Landraces), BEREC, Tel, Nablus	Mohammed Abu Amryieh
24/9/2004	Workshop concerning the project entitled “Improving Plant Production to Enhance Household Food Security in Marginalized Communities of Bethlehem Governorate, (Phase Five) hold by The Applied Research Institute- Jerusalem (ARIJ), Bethlehem.	Nader Hrimat & Mohammed Abu Amerieh.
27/9/05	Specialized workshop organized by ARIJ and the Palestinian Energy and Natural Resources Authority – Natural Resources Sector concerning Red Dead Canal in Ramallah for PNA and related institutions.	Jad Isaac / Jane Hilal/ Raed Abed Rabbo / Sandra Ashhab
3/10/05	Workshop in Jordan concerning Red Dead project.	Jad Isaac.
14/10/05	Al-Liqa Institute concerning Political Mobility in Israel.	Jad Isaac.
14/10/05	MAS institute concerning the Measurable economical module for Gaza, and the over all political / economical scenarios.	Raed Abed Rabbo
14/10/05	National Workshop in Ramallah concerning Youth Policies with the ministry of youth and Beirzeit university.	Raed Abed Rabbo
26/10/2005	Participated in a workshop concerning the update of Palestinian Biodiversity National Report, Environment Quality Authority/ Ramallah.	Hiyam Hezineh
17/11/2005	Training course Concerning Environment and sustainable development held in Ma’an canter.	Jane Hilal / Enas Bnnoura
19/11/2005	Training course concerning energy, transportation and air pollution held in Ma’an canter.	Ghassan Darwish / Enas Bannoura

26/11/2005	Training workshop, sustainable agriculture in the Palestinian territories, Lecturer, Ma'an canter, Ramallah.	Nader Hrimat
21/11/05	2nd network-building workshop on electronic governance in developing countries / a UNeGov.net initiative with Bethlehem university and the ministry of communications and IT technology and the international institute for IT technology MACAO.	Jad Isaac / Fadi Isaac/ George Kheir
26/11/2005	Training workshop, sustainable agriculture in the Palestinian territories, Lecturer, Ma'an canter, Ramallah.	Nader Hrimat
28/11/05	Ministry of planning concerning the idea of establishing national MAP Agency.	Jad Isaac / Issa Zboun / Raed Abed Rabbo
5&6/12/2005	Medicinal and Aromatic Plants project, experts technical meeting, Amman, Jordan.	Nader Hrimat
7-11/12/05	International workshop in Istanbul / Turkey concerning the Jerusalem initiative.	Jad Isaac
11-20/12/05	Training seminar with Anna Lindh Euro-Mediterranean Foundation for the Dialogue between Cultures concerning skills to design and manage projects in line with requirements of European funding.	Raed Abed Rabbo
26+27/12/05	National Medical and Aromatic Plants workshop in Ramallah in cooperation with UNDP and MOA	Jad Isaac / Nader Hrimat / Roubina Bassous
8/12/2005	SUSMAQ project Workshop/Ramallah	Jane Hilal
21/12/2005	Training course concerning water resource management in Birzeit University	Jane Hilal

Annex 2: Visits and Meetings

1. Meetings:

Date	Meeting / Purpose
6/1/05	ICRC delegation concerning humanitarian assistance and food security mapping
8/1/05	CRIC and ECHO to develop a potential research project
11/1/05	British Delegation regarding the geopolitical situation
12/1/05	BIMKOM for potential joint project proposal
13/1/05	CRIC for potential cooperation on a joint project
15/1/05	Panorama for potential cooperation on third party intervention
18/1/05	British Consulate delegation to discuss a potential research project
22/1/05	CARE to discuss the progress of SAFES project
25/1/05	Nuba Village Council to explore potential cooperation in solid waste management project.
26/1/05	PCBS concerning food vulnerability and insecurity mapping data base.
27/1/05	Head of German representative office to the PNA to discuss the geopolitical situation and potential cooperation.
27/1/05	CARE concerning the submission of SAFES II Project concept paper
28/1/05	British Delegation from the Foreign and Commonwealth Office to discuss a potential research project.
1/2/05	Italian cooperation to explore potential cooperation
1/2/05	SDC to prepare for the visit of the Swiss Foreign Minister.
2/2/05	Tamkeen for an exit meeting for the analysis of waste management policies in Palestine.
3/2/05	Father Peter Miano, Director of The Society for Biblical Studies to discuss potential cooperation
7/2/05	ARIJ board of trustees with ARIJ's employees.
7/2/05	Swiss journalists concerning the wall and settlements.
9/2/05	Ms. Mona Mata from the Belgian cooperation office to explore potential cooperation.
9/2/05	Timothy Rothermil, Director of UNDP to explore the potential of core funding for ARIJ research and implementation program.
14/2/05	ACDI/VOCA country representative to discuss the current project and potential future cooperation.
15/2/05	SDC to discuss strategy and future program
16/2/05	ARDI Palestine preparation meeting,
17/2/05	Directorate of education in Bethlehem to assist them in building a spatially linked database for educational infrastructural planning.
18/2/05	Dr. Kornelia Claus , GLOWA Jordan river coordination at the university of Tubingen to discuss GLOWA
22/2/05	Bret Kundmann / German Agro Action.
2/3/05	Al Walajeh village council concerning the recent confiscation orders and house demolitions.
7/3/05	Mr. Takhashi from JICA concerning ARIJ's work in GIS

7/3/05	Ministry of agriculture with NGO's working in the agricultural sector.
8/3/05	Ernst & Young concerning external evaluation for ARIJ..
8/3/05	CARE for SAFES II project concept paper.
15/3/05	Bethlehem university concerning the new masters program MICAD
21/3/05	Pontifical Mission for potential support.
30/3/05	Mahsoom Watch for potential cooperation..
4/4/05	Al-Wafa Auditing firm appointed by TAMKEEN for the exit meeting for the waste management project.
5/4/05	Land Defense Committee meeting
6/4/05	Mahsoom Watch for potential cooperation.
6/4/05	Welfare association in Al Ram concerning the unified health insurance scheme
7/4/05	Ministry of Culture to discuss the cultural heritage strategy.
11/4/05	Governor of Bethlehem to discuss a joint advocacy program
12/4/05	Tim Clare from GEF to assess the regional agrobiodiversity projects and the potential of submitting a new project.
12/4/05	Palestinian Scientific Research Council.
23/4/05	Dr. Isabel Casado Lopez from the Spanish Development Cooperation
25/4/05	SDC delegation to visit ARIJ agricultural projects in Artas, Beit Jala and Al-khader.
27/4/05	Panorama to discuss the settlements database.
27/4/05	International Crisis Group (ICG) concerning writing an article about the wall and Jerusalem.
30/4/05	UNDP for potential support
4/5/05	Dr. Qusai Samak form IDRC to discuss new program.
4/5/05	Dr. Betty Weiss, Director, Institute for Sustainable Communities Washington DC to explore potential cooperation..
6/5/05	SDC to discuss future cooperation.
7/5/05	Mr. Tayseer Meri from Golan for Development concerning submitting a joint project.
11/5/05	UNRWA delegation to explore potential cooperation.
17/5/05	MCC delegation to learn about ARIJ agricultural projects and programs.
18/5/05	Luisa Servant to prepare for a visit of Spanish jurists.
19/5/05	IDRC delegation to review current projects.
30/5/05	Bethlehem Governorate Command to discus maps for the upcoming withdrawal from Bethlehem by Israeli forces.
1/6/05	Agricultural Sector Working Group
1/6/05	Telecommunications minister Dr. Sabri Saydam concerning Internet 2 project in Palestine (Padi II).
4/6/05	Drs. Lamia El Fatal , Mark Redwood , Ann Thomas and Andres Velez-Guerra from IDRC to learn about the new programming.
13/6/05	ZFD forum concerning maps and upcoming project for Jerusalem.
23/6/05	Palestinian Agribusiness Partnership Activity PAPA
24/6/05	Palestinian Educational Initiative with the ministry of education and higher education and ministry of telecommunications.
26/6/2005	Meeting at PHG in Ramallah to discuss "Capacity Building and Training on Environmental planning and Management"
5/7/05	ACDI VOCA visit to ARIJ and to the project sites.

9/7/05	Nahaleen village council and MLG in Bethlehem concerning waste water treatment project.
14/7/05	A delegation from the University of Texas /El Paso to discuss potential cooperation.
19/7/05	SDC to review financial and administrative matters with ARIJ
19/7/05	Beir-zeit university delegation concerning joint work in sustainable development in Palestine.
4/8/05	LRC coordination meeting.
13/8/05	Battir Agricultural committee.
15/8/05	Head of Bethlehem District security forces and General Mahmoud Hannon Head of the North Districts Operations and the accompanying team concerning cooperation in producing maps and data.
18/8/05	Focus Group Meeting with Tamkeen concerning Informal Discussion of Civil Society Support and Reform Initiatives.
19/8/05	SDC
22/8/05	Green Peace in Israel and Palestine.
24/8/05	Signing Memorandum of Under Standing with Palestinian Energy and Natural Resources Authority – Natural Resources Sector. Eng. Mazen Gunaim and Jad Isaac.
24/8/05	Minister of labor Dr. Hassan Abu Libdeh.
29/8/05	Husam Salsa Managing Director – Community Development Group.
29/8/05	Meeting with: Eng. Amer Al Batechy / ANGIKON. Iyan Schmidt / Ch2MHIL.
31/8/05	Husam Salsa Managing Director – Community Development Group concerning joint cooperation in water project.
1/9/05	Delegation from the world bank: Paul Prettitore / Legal Expert. Nithya Nagarajian / Field Economist. Concerning Maps and data base for the world bank.
6/9/2005	Focus group meeting at Jericho The future of the Dead Sea
7/9/05	Focus Group Meeting with the Palestinian Energy and Natural Resources Authority – Natural Resources Sector, for planning the future plans after signing the memorandum of under standing.
7/9/05	CARE and Eng. Daoud Istanbuli.
15/9/05	Interview with ANN satellite channel.
20/9/05	Meeting in Jenin (Dr.Jad and Nader Hrimat) concerning CARE project.
22/9/05	GTZ in Ramallah (Dr. Jad, Abeer Safar and Jane).
22/9/05	Ministry of planning and ministry of agriculture, PARC, PHG, Spanish Cooperation and ARIJ concerning <u>Brain Storming for Sector Working Group.</u>
24/9/05	Arthur M. Saper / Director General, Private Sector Division Canadian Partnership Branch / Canadian International Developmental Agency.
26/9/05	Beit Jala, Bethlehem Municipalities concerning PRIPOD project.
27/9/05	Press conference with the Health, Development, Information and policy institute HDIP and Medical International MD in Ramallah to announce the <u>Health and Segregation II report / Access to Health, How the Wall in the West Bank Affects Access to Palestinian Health Care Services</u>
29/9/05	MICAD Consulting Board Assembly.
3/10/05	Erlend A. Sigvaldsen – Economist / Nordic Consulting Group from Norway.

11/10/05	Eng. Fadel Kawash at PWA.
11/10/05	PADI II. (Fadi).
12/10/05	Tamkeen offices in Ramallah concerning extending there project and the scope of cooperation.
20/10/05	CARE.
20/10/05	PENGON (Raed Abed Rabbo & Jane).
22/10/05	Nadiah Saad from CARE concerning LIOPT project.
26/10/05	Ministry of Agriculture (Nader Hrimat).
26/10/05	Palestinian Quality Authority (Hiyam).
26/10/05	Focus Group Meeting at ARIJ with ACIDI VOCA and Farmers.
26/10/05	CRIC.
1/11- 6/12/2005	EWASH committee held in Ramallah
8/11/05	Meeting and signing agreement for Settlements watch project with EU: Estelle Kadouch Virginia Cezilly Khader Musleh
15/11/05	MCC.
15/11/05	Nicolas Pelham senior analyst / international crisis group.
15/11/05	Lynsey Fitzpatrick, Program associate in Harvard Program on humanitarian policy and conflict research.
19/11/05	MOA for the NGOs working in the agricultural sector.
21/11/05	Holger Tellman from German representative office in Ramallah.
21/11/2005	Glowa meeting in Ramallah with Holger Hoff and the team form PWA
29/11/05	Signing the MAPP project agreement with UNDP and the ministry of agriculture.
1/12/05	UNEP team concerning the systematic environmental survey off all the settlements designated by Israel in Gaza in August / September 2005.
2/12/05	Interview with journalist from BBC <i>James Reynolds</i> / Middle east Correspondent.
5/12/05	Delegation from SCS save the children / Sweden: <ul style="list-style-type: none"> • Elisabeth Sunder storm / Regional communications and advocacy officer. • Rana Noueiri / Advisor on violence and abuse.
5/12/05	Core funding signing agreement with SDC.
20/12/05	PENGON steering committee / Ramallah.
21/12/2005	CRIC for Tulkarm watershed proposal

2. Major Visits:

Date	Visitor
6/1/05	Mr. Eric Fouquet from the French consulate
20/1/05	Canadian Political Delegation: 1. David M. Malone / Assistant Deputy Minister Africa and Middle East. 2. Ron Wilson / Country Representative. 3. Graeme McIntyre / Deputy Director (political) MEPP – Israel/ Jordan / Lebanon / Syria / West Bank & Gaza / Egypt, Middle East Division GMR. 4. Richard Colvin / Political Attaché.
4/2/05	Swiss Foreign minister: 1. H.E Micheline Calmy Rey 2. Ambassador Urs Ziswiler 3. Dr. Annick Tonti / Head MENA Section 4. Ambassador Paul Liva 5. Mario Karera / Head SDC office 6. Fritz Froeklich 7. Marwan Gilani 8. Journalists
10/2/05	Canadian Parliamentarians delegation: 1. Alexa Mcdonough 2. Francine Lolande 3. Alister Walbom
15/2/05	Delegation of USAID 1. Theodora Zeidan-Hindeleh / Project Management specialist 2. Samah Khoury 3. Paul M. Sully / Project director – Education Development Center.
19/2/05	Mr.Nader Al Assar / Political Attaché – Egyptian consulate.
24/2/05	Mr. Gel Berger / head of German representative office to the PA
2/3/05	Mr. Saad Al Najy / Head of Palestinian security forces in Bethlehem district.
19/3/05	FAO delegation.
19/3/05	KFW delegation.
24/3/05	Austrian Parliamentarians.
3/4/05	Canadian International Developmental Agency: Patricia Pounienkow / Chief policy advisor – private sector division / Canadian partnership branch. Mona Bieber / Trade Commissioner (Israel / West Bank / Gaza)
28/4/05	Nadeem Asfour / trade section – French consulate concerning environmental research .
15/5/05	NATO Parliamentary Assembly: 1. Senator. Giovanni Lorenzo Forcieri, vice president Italy. 2. Pierre Lellouche, president / France. 3. Senator. Pierre Claude Nolin, Vice president Canada. 4. Vahit Erdim, vice president Turkey. 5. Simon Lunn, Secretary General. 6. Andrea Cellino, deputy for policy coordination to the secretary general. 7. Frederic Taillet, assistant to the president Lellouche and secretary of the assemblée nationale delegation to the NATO PA. 8. Patrick Dray, Advisor to president Lellouche. 9. Alessandra Lai, Secretary of the Italian senate delegation to the NATO PA.

	10. Claudio Olmeda, Interpreter. 11. Ennia Cucchiarelli, Interpreter. Presentation concerning the recent changes in geopolitical situation, the wall, disengagement plan from Gaza.
12/7/05	Head of security forces in Bethlehem General Awny Mattar visited ARIJ with technical team concerning maps pre redeployment of Bethlehem.
12/7/05	Mayor of Tubas with Dr. Nael Salman representative of UN habitat in Palestine.
26/7/05	Dr. Jonathan Fink / Vice president for research and economic affaires from Arizona State University.
26/7/05	Dr. Benno Boer / Ecological Sciences / Advisor- Arab Region – UNESCO DOHA concerning rapid assessment appraisal for Gaza strip and building data base.
7/9/05	Mr. Afif Safieh – Palestinian Ambassador to UK.
3/12/05	Director of BONN university Prof.Dr.. Matthias Winiger

ANNEX 3: Presentations

In 2005, ARIJ made 61 presentations to local and international groups and delegations including

Date	Group / Delegation
6/1/05	French consulate delegation
12/1/05	Presentation in Tel Aviv university concerning the environmental conditions in the West Bank
29/1/05	Methodologist Church delegation.
12/2/05	Sabeel Delegation
18/2/05	MCC Delegation.
19/2/05	CPT delegation.
4/3/05	Swedish delegation / Christian council of Sweden.
12/3/05	Presentation at Bethlehem peace center in coordination with La Alliance Francaise de Bethlehem concerning the new published Oral plant history, seeds and herbs.
18/3/05	Sabeel delegation.
22/3/05	Sabeel delegation
22/3/05	A presentation for MECC at Cairo University about the conditions in Jerusalem
23/3/05	Briefing for European Consuls and representatives to the PNA.
4/4/05	Presentation in Ramallah at the Economic & Social Development center of Palestine.

8/4/05	Sabeel Delegation
10/4/05	American Delegation headed by Bishop Samir Qafiti concerning the Israeli Colonization activities in the Palestinian areas.
9/4/05	CPT delegation.
9/4/05	A presentation at the YWCA for human rights activists about the conditions in Jerusalem
13/4/05	ATG delegation.
14/4/05	Presbyterian church delegation
19/4/05	German Delegation at Dar Al - Nadwah concerning Conflict and Coexistence and people.
26/4/05	American delegation
4/5/05	British delegation.
7/5/05	Presentation in Ramallah for leaders of security forces concerning disengagement plan with PANORAMA
13/5/05	Canadian delegation
15/5/05	NATO delegation Visiting the Palestinian Legislative Council.
20/5/05	United Church of Canada
20/5/05	ATG delegation.
25/5/05	Presbyterian Church delegation.
6/6/05	Irish parliamentarian delegation visiting the Palestinian legislative council..
9/6/05	Belgium Consulate delegation.
7/6/05	Perform a presentation at MIFTAH for the European delegates about the conditions in Jerusalem
10/6/05	FFIPP Delegation.
25/6/05	German delegation with Beit Sahour municipality:
29/6/05	Presentation in Jerusalem at the EU office for for Mr. Joseph Porel / Head of European Parliament and accompanying delegation.
4/7 /05	UN Special Committee in Jordan
14/7/05	Presentation to Senator Sergio Paes, President of the Inter-Parliamentary Union IPU, General Consul of Chile and accompanying delegation
16/8/05	MCC delegation.
13/8/05	Presentation at the Alternative Information Center (AIC)
17/8/05	Quakers delegation
20/8/05	A presentation at the youth club of the old city of Jerusalem about the impacts of the new Israeli Masterplan on the old city
23/8/05	Presentation at the Alternative Information Center (AIC).
28/8/05	Presentation for prime minister Ahmad Qurei and the cabinet in Abu Deis University concerning Settlement activities
28/8/05	Presentation at the Alternative Information Center (AIC)
1/9/05	A presentation at the African communities youth club in the old city of Jerusalem about the impacts of the new Israeli Master plan on the old city
9/9/05	Spanish Jurists delegation with the Federation of Associations for the Defense and promotion of Human Rights
13/9/05	Delegation from the British house of commons at PLC in Ramallah.
27/9/05	Presentation in Zuhor Al Amal school in Artas for <u>Global Peace Delegation</u> and coordination with Bethlehem governorate.
19/10/05	World Council of Churches delegation

20/10/05	Presbyterian church delegation.
22/10/05	ATG delegation.
30/10/05	German Delegation
29/10/05	Swiss delegation.
1/11/05	Swedish delegation .
1/11/05	Swedish Delegation
8/11/05	Swiss parliamentary delegation.
9/11/05	Delegation from the European Parliament with PLC in Ramallah.:
15/11/05	Members of the British group in the Inter-Parliamentary Union (IPU / the international organization of Parliaments of sovereign States.
19/11/05	Members of the commission of defense / senate of Italy at PLC in Ramallah
24/11/05	Briefing for EU Consuls and representatives to the PNA concerning the recent geopolitical situation.
6/12/05	Canadian delegation.
30/12/05	European delegation (Movement for a just and comprehensive peace in the Middle East) with PLC
31/12/05	FFIPP delegation

Annex 4: Published reports, case studies on Israeli settlement activities

1. Periodic Reports

- The Israeli Occupation activities in the Palestinian Territory during the 1st quarter of 2005 (January – March 2005)
- The Israeli Occupation activities in the Palestinian Territory during the 2nd quarter of 2005 (April – June 2005)
- The Israeli Occupation activities in the Palestinian Territory during the 3rd quarter of 2005 ,(July - September 2005)
- The Israeli Occupation activities in the Palestinian Territory during the 4th quarter of 2005 (October – December 2005).

2. Special Reports

- The Israeli Colonization Activities in the West Bank and the Gaza Strip During 2004 (March, 2005, *2004 annual report*)
- Israeli assault on Bethlehem Governorate starting from Settlements to the Segregation Wall (April, 2005, *in Arabic*)
- Illegal Israeli Settlements Expanded Dramatically between 2002 and 2004 (May, 2005)
- Jerusalem: the strangulation of the Arab Palestinian city (July, 2005)
- Environmental degradation in northern Gaza Strip (August, 2005, *in Arabic*)
- The Israeli colonization activities in the Eastern Segregation Zone (August, 2005)
- Wadi Gaza (Gaza Valley) and the deliberate destruction to the Palestinian environment (August, 2005, *in Arabic*)
- The Palestinian life inside the old city of Hebron (September, 2005)

- Environmental Impacts Assessment of The Israeli Segregation Plan on Battir Village (November, 2005, *also was published in a hard copy format*)

January 2005

- Israel to Activate "Absentee Property Law" to Steal Palestinian Lands in Occupied East Jerusalem
- New Order in Beit Sahour City
- Israeli Occupying Forces Systematically Attack Civilian Property in Khan Yunis (Gaza Strip)
- Al-Walajah Devastated by Israeli Bulldozers
- Israel Begins New Settlement on Stolen Land in the West Bank Village of Jayyus
- Recent Israeli violations in Tulkarem district
- Separated Olive tree fields razed for expanding Kibbutz cultivable land Hebron governorate.

February 2005

- Israeli Settlers' road planned over ancient historical site in Hebron's Old City (*in English and Arabic*)
- New sections of the Segregation Wall are being erected in Salfit
- To Rachel's Tomb... a way paved by Palestinian sufferings (*in Arabic*)
- New disaster in Qalqiliya district: The Striking effects of the Segregation Wall on Qalqiliya District
- Al-Mintar Neighborhood in Sur Baher Under Occupation, Under Demolition Threat
- Israeli Outposts Report Slash Israeli Government Back
- Israel uses absentee property law to grab Palestinian lands in East Jerusalem (*in Arabic*)

March 2005

- Hizma: A Palestinian Village between the Wall and the Settlements
- Another Palestinian Ghetto in East Jerusalem: Israel Closes the Segregation Wall in Al Ram
- Stages of the Segregation Wall construction in Hebron Governorate
- Israeli ongoing activities against the village of Deir Istiya
- Jericho Handover Pending the Fulfilment of the Israeli Perspective
"Building Confidence is a Vice-Versa Process"
- The colonization onslaught is going on against the village of Deir Istiya
- Israeli Occupying Forces flout High Court Ruling
- Colonization and grabbing natural resources in Gaza Strip
- The impacts of the Segregation Wall on Khirbet Jubara, Tulkarem
- The Segregation Wall is taking what has remained of Idhna Town land

April 2005

- Expansion of Karmeil Zur settlement at the expense of Beit Ummer and Halhul lands
- A new land confiscation order in lands of Kafr Thulth and Azzun in Qalqilyia Governorate
- ARIJ Fact Sheet: Isolated Lands, Segregated Communities
- Israeli Occupation Authority continues its War on Palestinian Buildings in Jerusalem
- The Segregation Wall Devours Thousands of Dunums from the Village of Beit 'Anan
- The Debate over Israeli Settlements Expansion: Lovers Quarrel but Not A Deal Breaker
- The Israeli Segregation Wall hits Al-Khader village lands
- State Vandalism: Israel Disrupts Nature in Al-Walaja Village
- Israel resumes Wall constructions at Bethlehem Northern Entrance
- Biddu village strangled between the jaws of the Segregation Wall
- ARIJ Fact Sheet: Israel's Segregation Wall: Isolation and Ghettoization in the Holy Land
- Israel escalates its violations against the Palestinian Environment: The New Israeli Dumping Site

May 2005

- The Segregation Wall plan in Jerusalem district: "Another Israeli made disaster in the Palestinian history"
- Settlement expansion and loss of Wadi Fukin's land
- The Segregation Wall seized more lands of Beit Surik Village
- Construction works in The Segregation Wall resumed The case of As Sawiya village Salfit governorate
- The confiscation of Kafr Alabad and Shufa lands for the enlargement of Avnei Hefetz Settlement
- Enlargement of Enav colony under security claims

- Total ghettoization of four Palestinian villages in Qalqiliya governorate
- Israeli settlers inaugurate a multi-storey residential building in Tel Rumaida
- Trapped Within the Claws of Occupation: Bethlehem Western Rural Villagers Stripped of their Lands
- E1 Plan: A Step toward a Dead End
- Segregation Wall Gates manoeuvring starts: "Closing Gate number 25 and referring people of Jayyus to Gate number 24"
- Israel's Segregation Wall Encircles Three Palestinian Villages in Northwest Jerusalem
- The enlargement of Revava settlement over lands seized from Deir Istiya village
- New Military orders to residents of Dahiet Al Barid and Ar Ram towns June 2005
- Israel affirms that Withdrawal from Gaza and northern West Bank will be first and last (*in Arabic*)
- The Segregation Wall, an unlawful measure of Land Grab: "The Case of Deir Qiddis village"
- In breach of the International law, the Segregation Wall continues to grab more Palestinian lands: "The Case of Ni'lin Village"
- Works in the Segregation Wall resumed in Marda village - Salfit Governorate
- Ethnic cleansing in Silwan
- 'Aboud, the city of flowers, threatened by the Israeli Segregation Wall
- The Segregation wall threatening the lands of Bal'in and Saffa villages- Ramallah Governorate
- Tree uprooting and colonial expansion in Jinsafut village
- Reinforcing the Segregation Plan by introducing "Intelligent cards" (*in Arabic*)

July 2005

- Bruqin's people and nature are hit by pollution coming from neighboring Israeli Settlements
- Wall construction resumed in Salfit despite High Court decisions
- Israel is No Longer Able to Deny the Political Drive Of the Segregation Wall
- Oppression at its Peek
- The Plot of the Eastern Segregation Wall
- Closing second Wall gate in two months
- The Gas paddle is down to complete Jerusalem Envelope
- A Restraining order in Dahiet Al Barid neighborhood
- Silwan house demolition notifications: "Another War Crime in Jerusalem"
- Imneizil: An already besieged village in Hebron, hit by the Wall

August 2005

- Resumption of Wall constructions in Kafr Thulth and Azzun lands - Qalqiliya governorate
- Demolition of a house and two stores in Qalqilyia District
- Sharon Intensifies the colonization activities in the West Bank: New Military orders for constructing the Segregation Wall around Ma'ale Adumim settlement Bloc
- New Military orders for constructing the Segregation Wall around Ma'ale Adumim settlement Bloc (*in Arabic*)
- Al Na'ani neighborhood, an isolated area east of Deir Al Balah (*in Arabic*)
- Gaza is still besieged from the sea, despite the signed agreements and international law (*in Arabic*)
- Real Israeli intentions disclosed: Palestinian lands separated behind the Wall are targeted by confiscation
- Separated Palestinian lands are targeted by fire
- Segregation Wall and gates dominate the landscape of the Palestinian Territory: The case of Beir Nabala Enclave
- Israel Illegally confiscates Palestinian Lands in the West Bank under Israeli Land Acquisition law (*in English and Arabic*)
- Demolition of human and animal dwellings Khirbet Tana - Nablus governorate
- Toward Israelization of the Old City of Jerusalem Plan for New Jewish Neighborhood Horns Bedlam over Old City's Fate
- North Hebron towns and villages are targeted by the Segregation Wall
- Israel Demolish 3 Palestinian Houses in Bethlehem District Why when it comes to Israel the international law becomes debatable

- Ar Ramadin and Arab Al Fureijat Bedouins are facing another dispossession, eviction and refugee onslaught by the Wall
- Increasing the mobility restrictions in Gaza Strip (in Arabic)
- Al Sifa town in northern Gaza Strip is suffering from constant Israeli persecutions (in Arabic)
- Wadi Al Salqa Village in Gaza Strip suffers adversely from the Israeli occupation practices (in Arabic)
- Kfar Daroum settlement (in Arabic)

September 2005

- The Israeli government ratifies the construction of a new settlement in Burj Al Laqlaq area
- Gaza sea Barrier
- New Military orders in Al Khas and Al Nu'man for constructing Mazmuria terminal and two roads
- New military orders to confiscate 21 dunums from Beit Jala and Al Khader
- Destruction of the citrus sector in Gaza Strip (in Arabic)
- New Israeli tenders to expand the Ariel settlement bloc
- More lands of Kifl Haris village are taken for the Segregation Wall - Salfit Governorate
- Resumption of the Segregation Wall constructions in Biddu Village-northwest of Jerusalem city
- Apartheid is alive: The confinement of 'Anata and Shu'ufat refugee camp in an enclave
- New Israeli tenders to expand Har Homa (Abu Ghneim) settlement

October 2005

- Rafah crossing still under debate
- New Military Orders in 'Aboud Village - Ramallah District
- Israeli dumping site amidst Palestinian residential areas
- The status of northern Gaza settlements before the Israeli withdrawal (in Arabic)
- New Israeli military orders in Al Jab'a village - Bethlehem Governorate
- Israel Inflicts Collective Punishment Against 3 Million Palestinians
- Israel illegally Re delineate the boundaries of the Palestinian Villages! The case of Qibya and Budrus villages
- The applied research institute-Jerusalem ARIJ reveals the true number of the Israeli Outposts (in Arabic)
- More land confiscation for the erection of new military towers
- Confiscation of more lands for military uses in Brugin village
- Al Birka town in Gaza Strip was suffering from incursions, land razing and destruction to the infrastructure facilities (in Arabic)
- The Isareli Violations in Deir Al Balah (in Arabic)
- Hikir Al Jami'a town in Deir Al Balah (in Arabic)
- Beit Duquq village lands are threatened by the Segregation Wall
- Seizing lands in northern Bethlehem to construct an exclusive Israeli parking lot (in Arabic)

November 2005

- Another Israeli violation against the village of Salem
- Fortifying Crossings in the West Bank: The Case of Qalandyia
- Az Zawiya village lands under unlawful confiscation attack by the Israeli Occupation
- Closing of a road and 60 commercial stores in Hebron
- More land confiscation for Wall constructions in the south of West Bank
- Al Mighraqa village in Gaza Strip (in Arabic)
- Israel inaugurates Gilo '300' terminal in Bethlehem
- Um Al Naser village in northern Gaza Strip (in Arabic)
- Al Tufah checkpoint in Gaza Strip (in Arabic)
- A new colonial spot at the expense of Palestinian Families in Yatta Town
- Jubara: A Prototype Aftermath of the Israeli Segregation Wall
- Seizure of Izabt Salam's lands is an on going process
- Sliced & Diced: The Israeli Corridors and the Future of a Palestinian State
- A New buffer zone around the settlement of Shavei Shomron at the expense of Palestinian agricultural land

December 2005

- Christmas Present for Bethlehem: Tenders for 228 Israeli Housing Units: Bethlehem Doomed by Israeli Colonization
The Israeli continuous assaults on Silwan's lands and properties (in Arabic)
- Al Asawiya in East Jerusalem: from a land rich village to a village ripped out of its lands (in Arabic)
- Burqin olive orchards under settlers' attack
- Kadima ... A Plastic Surgery to the Old School
- Al Isawiyeh: From a rich village to landless village
- Al Jaba'a Border crossing under construction
- Humiliation through the Israeli So-Called "Leniency Measures"
- The Village of Salem Between the Israeli Military Occupation and the Israeli Settlements
- The Israeli occupation assaults on Qalqiliya Governorate
- Israel persist on coercing realities on Palestinians and the Road Map
- Salem Village between the brutality of the Israeli Occupation Forces and the aggression of the Israeli settlers (in Arabic)
- Zufim North - A new colonial nucleus over Jayyus' segregated lands
- The Nature Reserves in light of the Israeli assaults
- A new military order to construct a terminal linking Bethlehem Western Rural villages and Bethlehem urban centre (in Arabic)
- The Moskowitz Hurricane is on the rise: Israel's Unilateral and Detrimental Scheme to build a new illegal neighbourhood in Occupied East Jerusalem's neighbourhood Al Sheikh Jarrah

3. Newspapers articles

January 31, 2005	AL Ayyam	New Israeli Plan to confiscate more than 25,000 dunums of lands in Bethlehem Governorate
February 4, 2005	AL Ayyam, Wafa, Al Quds	Israel constructed 175 new outposts in the West Bank during the last eight years
February 18, 2005	Al Quds, AL Ayyam	An Israeli plan to construct 400 new housing units in Rachel's Tomb area
February 26, 2005	Al Quds, AL Ayyam	Israel intends to annex the settlement blocks and isolate the Jordan Valley
March 7, 2005	Al -Quds	Lifta people intend to go to Israeli high court to retain their usurped rights
March 24, 2005	Al Quds	Israel implements tens of colonial projects while talking about evacuating the Gaza Strip settlements
May 18, 2005	Wafa, Al Ayyam, Al Quds	The Segregation Wall isolates six villages from the western rural villages of Bethlehem governorate
June 3, 2005	Maan News Network, Al Ayyam, Wafa	Smart cards and terminals are part of the Segregation Wall plan
June 3, 2005	Al Quds	- The United States of America gives Israel \$50 millions for the Segregation Wall gates - Israel issued tenders to construct new housing units in Ma'ale Adumim settlement
June 25, 2005	Al Hayat Al Jadida	Who will remember the land adorer?

June 26, 2005	Al Quds	New Israeli plans for the Segregation Wall, the Jordan Valley and the Gaza sea border
July 8, 2005	Al Quds	The area of the Israeli settlements in the West Bank increased by 129% between the years 1989- 2003
July 30, 2005	Al Ayyam	Israel plans to construct a new settlement in the western rural areas of Bethlehem governorate
August 10, 2005	Maan News Network, Al Quds	Israel Illegally confiscates Palestinian Lands in the West Bank under Israeli Land Acquisition law
August 21, 2005	Wafa, Maan News agency	Sharon intensifies the Israeli colonization in the West Bank in return of evacuating the Gaza Strip, Military orders around Ma'ale Adumim settlement
August 25, 2005	Al Quds	The Israeli forces confiscate 1800 dunums rather than the reported 1585 for the Segregation Wall in Ma'ale Adumim area
September 11, 2005	Al –Quds	A new military order to confiscate 578 dunums of the lands of Beit Ummer and Surif for Wall construction
September 18, 2005	Maan News agency	The Israeli Authority issued new military order to confiscate 21 dunums of land in Beit Jala city and Al Khader town
September 23, 2005	Al Quds, Maan News agency	Israel confiscates more lands for the Segregation Wall and to construct trade terminals, four new military orders in the two villages of Al Khas and Al Nu'man
September 29, 2005	Al Quds, Maan News agency	-Israel almost finished the construction of Bethlehem terminal (Gilo 300) - Confiscating lands in the northern entrance of Bethlehem city at favour of constructing a car parking.
October 10, 2005	Al Hayat Al Jadida, Al Ayyam, Al –Quds	The Israeli forces demolished more than 100 houses in Jerusalem since the beginning of the current year
October 17, 2005	Al Quds	Implementing the current Israeli plans will lead to a tragic end for the peace process
November 26, 2005	Al Quds	The impact of the Israeli activities on the Palestinian Territory
November 30, 2005	Al Hayat Al Jadida	Israel's policy led to the destruction of 114 houses since the beginning of the year
December 1, 2005	Hebron Magazine No.13	Hebron's old city: multiple forms of closure and punishment
December 6, 2005	Al Hayat Al Jadida	Tabooing of Palestinian lands in the names of Israeli colonists is a serious colonial step
December 7, 2005	Al Quds	New military order to confiscate 85 dunums of lands west of Bethlehem city to construct a new passage for Al Khader town and a tunnel under road # 60