



Die Junge Akademie

WAY World Academy of Young Scientists

Arab-WAYS

The 1st German-Arab Young Scientists Forum

Arab-WAYS participants

June 16th-19th, 2011, Berlin, Germany

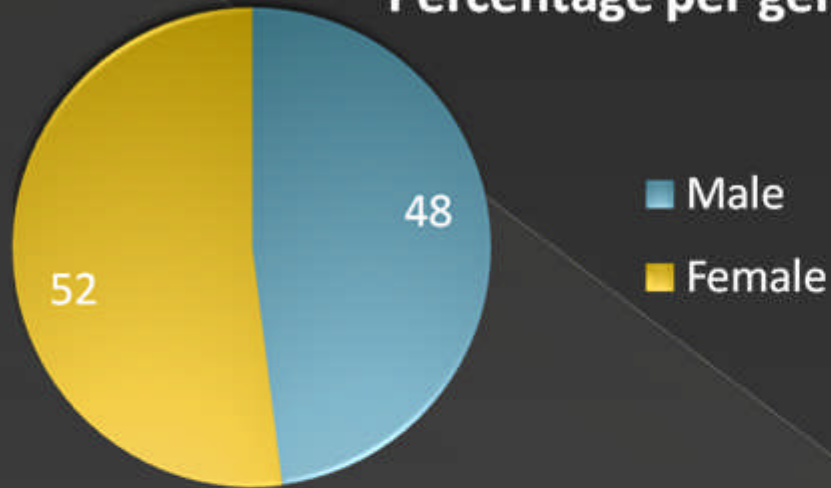
Arab-WAYS Organizing Committee

Dr. Alaa El-Sadek, Dr. Jauad El Kharraz & Dr. Olfa Mahjoub

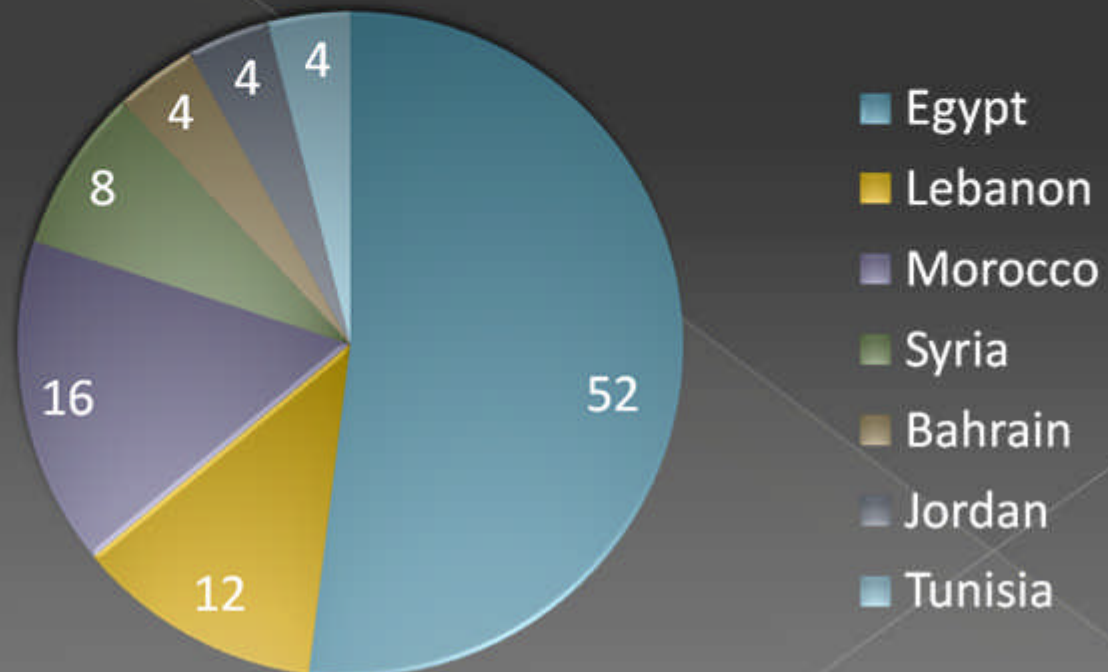


Arab participants

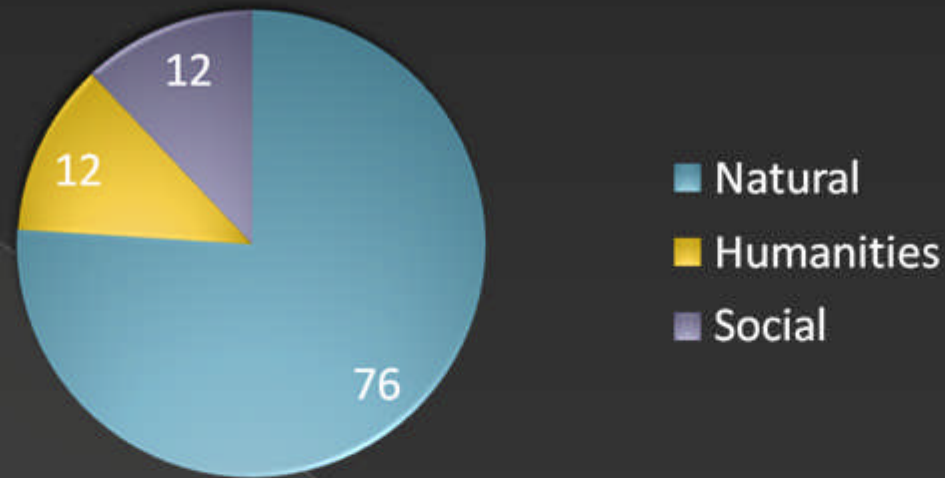
Percentage per gender



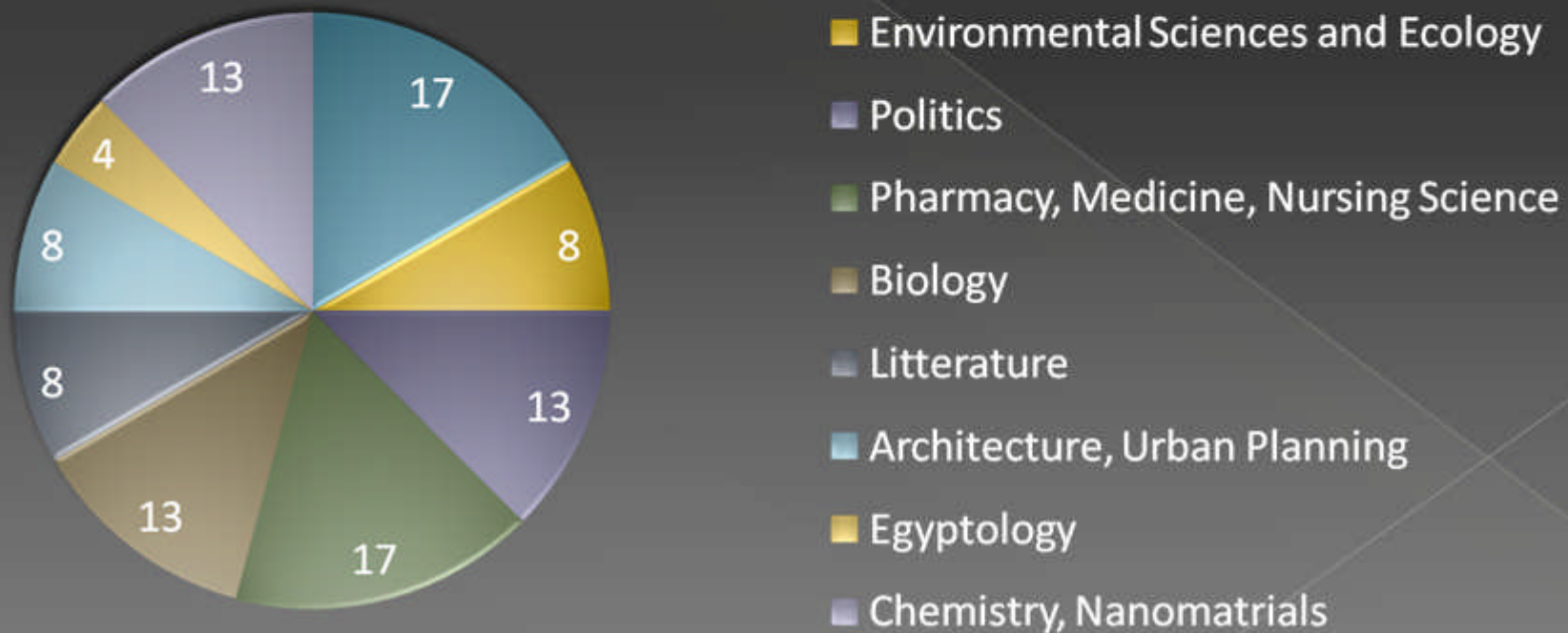
Percentage per country



Percentage by science



Percentage by field of research



| Name Surname | | Short biography |
|---------------|--------------|--|
| Ayman | Abdel-Hamid | MSc in environmental sciences (Egypt). Alexander von Humboldt Research fellow at the Institute of Ecology (Section Ecosystem Science and Plant Ecology, and Department of Climatology), Berlin University of Technology,. |
| Amal | Amin | PhD in Organic Chemistry (Polymer Technology & Catalysis) Faculty of Science (Cairo University- Egypt). Associate Professor at the National Research Center (Egypt), Polymers & Pigments Department. |
| Walid | Azab | PhD or MSc or MA in Current position Current research |
| Abdul-salam | Bakdash | PhD in Pharmacy from the Institute for legal medicine, Charité, (Berlin, Germany). Research assistant at the Institute for legal medicine, Charité Berlin, Department of Forensic Toxicology since 2004. |
| Mirvat | Ballout | PhD in Cellular and Molecular Biology, France. Associate Professor, Lebanese University, Faculty of Science 1 since 2006, and at the Islamic University of Lebanon, Faculty of Science and Arts since 2009. |
| Nedhal | Baqer | PhD or MSc or MA in Current position Current research |
| Michelle | Bouchbelle | BA in Social Sciences. Preparing two Master's degrees: Social Sciences (Lebanese University (ULISS) with emphasis on Development since 2009 and International Affairs (LAU Byblos) |
| Jauad | El-Kharraz | PhD in Physics-Remote Sensing/Earth Sciences (University of Valencia, Spain). Information responsible of EMWIS since 2004. Interests: remote sensing applications, water scarcity and drought, water information systems, etc. |

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| Alaa | El-Sadek | PhD in Civil Engineering-Water Resources (Catholic Univ. of Leuven, Belgium). Associate Professor at National Water Research Center (Egypt). Assistant Professor at the Arabian Gulf University, Bahrain since 2008. |
| Ali | Haggag | PhD in MA in 2008. Postdoctoral studies at Wissenschaftskolleg zu Berlin and Humboldt University of Berlin. Current project: significance of the titles of Holocaust Literature using a quantitative and stylistic approach. |
| Nadia | Haidar | PhD in Plant Biotechnology from University of Reading (UK). Senior researcher at the Division of Plant Biotechnology, Department of Molecular Biology & Biotechnology, AEC (Syria) since 2009. |
| Hanaâ | Hoddah | PhD in Neurobiology (Sep'11). Temporary professor of Animal Biology course. Assistant manager of the Neuromed project- Morocco at the Abdelmalek Essaadi University (Tetouan, Morocco). |
| Khadija | Karzazi | PhD in Spanish Philology (Spain). Hispanic Professor at the Faculty of Letters, University Hassan II (Mohamadia, Morocco). |
| Rula | Khalayleh | MSc in Environmental Engineering from Houston (USA). Area Sanitation Officer in Jerusalem Area, at the United Nations Relief and Works Agency for Palestine Refugees in the Near East (Ramallah, Palestine), since 2010. |
| Nisreen | Lahham | PhD in Philosophy of Architecture, (Ain Shams University, Egypt). Executive manager of the Center for Future Studies, at the Information and Decision Support Center, Egyptian Cabinet. Lecturer at Tiba Academy. |
| Jamal | Lasri | PhD in Organic Chemistry (Spain). Associate Researcher at The Unit- Centro de Química Estrutural at Instituto Superior Técnico, (Lisbon, Portugal). |

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| Olfa | Mahjoub | PhD in Water Sciences from the Faculty of Pharmacy (University of Montpellier 1, France). Researcher at the National Institute for Research in Rural Engineering, Water and Forestry (Tunis, Tunisia) since 2001. |
| Rowaida | Mroue | MA in International Affairs Faculty of Social Sciences/Political Science (Lebanese American University, Lebanon). Executive Director of a Lebanese NGO “the International Training & Conflict Resolution Center”. |
| Alaa | Osman | PhD in Ecology from Humboldt University of Berlin. Postdoctoral research fellow at Alexander von Humboldt (Leibniz-Institute of Freshwater Ecology and Inland Fisheries (IGB), (Berlin). |
| Mahmoud | Sakr | Ph.D. in Cytogenetics (Plant Molecular Biology) from the Faculty of Science, Tanta University, Egypt in 1995. Biotechnology Project Officer, STDF, Egypt. |
| Mohamed Shaker | Salem | PhD in Physic Sciences (Japan). Postdoctoral associate at Institute of Applied Physics, Hamburg University (Germany). |
| Heidi | Shalaby | PhD in Architecture Engineering (Urban Planning) (Faculty of Engineering, Egypt). Lecturer of Urban planning-Architecture (Zagazig University). |
| Nadine | Sika | PhD in Political Science from Cairo University. Visiting Assistant Professor of Political Science at the American University in Cairo, since last 2010. |
| Sameh | Soror | PhD in Pharmaceutical Sciences from the University of Kaiserslautern (Germany). Assistant professor of biochemistry and molecular biology at the Faculty of Pharmacy, Helwan University, (Cairo, Egypt). |
| Tarek | Tawfik | PhD in Egyptology, Bonn University. Lecturer at the Faculty of Archaeology Cairo University: Egyptian culture, religion, monuments, art, architecture and philology. |

Vertical areas of cooperation

- **Natural Sciences:**

- Water resources management, Land conservation, Climate change
- Renewable energies use
- Biotechnology, plant breeding, DNA barcoding
- Nanotechnologies applications, organic chemistry synthesis

- **Social Sciences:**

- Youth, human rights, voluntarism, coexistence, cultural dialogue
- Students' trip exchange between Germany & Arab countries and assistance to rural populations.

- **Humanities:**

- Conservation of buildings in urban and rural areas, use of advanced tools
- Literature

Horizontal areas of cooperation

Organization of joint conferences:

- Joint programme with the Arab-WAYS (contact point in Arab countries).
 - The European Science Foundation Conferences in 2013. Submission deadline by September 2011.
 - The 2nd international conference and general assembly of the Global Young Academy- Alexandria- Egypt- 2012
 - Initiative of the woman in science (Optional cooperation with OWSDW)???

Launching a Magazine between German & Arab activists about common interest subjects.

Trainings & exchanges for Arab students and researchers in German institutions and Vice-versa.

Networking activities: Arab Network of Water researchers, Nanotechnology, Political, etc..

Intellectual property: To offer on-line information, training, consultation and support on protection rules and intellectual property and to collaborate in the long-term project for the creation of the Arab Patents office.

SWOT

Arab-WAYS

Research in the Arab countries

| Strenghts | Weaknesses |
|---|--|
| <ul style="list-style-type: none">◆ Existence of Networks such as: Arab-WAYS, ASTF, National Science Academies, etc◆ Increasing number of Arab researchers coming back to their countries◆ Existing capacities and qualified staffs | <ul style="list-style-type: none">◆ Absence of Grants/incentives, weak governmental support, lack of involvement of private sector, absence of linkage with industry, No funds◆ Problems of educational programmes◆ Lack of awareness on the importance of research activities◆ Lack of information on call for proposals/tenders.◆ Lack of collaboration with researchers from other countries. |
| Opportunities | Threaths |
| <ul style="list-style-type: none">◆ Support from EU countries and other countries (US, Japan, etc) through their agencies of cooperation◆ Exchange programmes and twining with other EU universities◆ The Junge Akademie | <ul style="list-style-type: none">◆ Economic crisis◆ The Brain Drain in the Arab World: > 200,000 Scientists left the Arab World in the last 30 years◆ Social and political instability in the region |