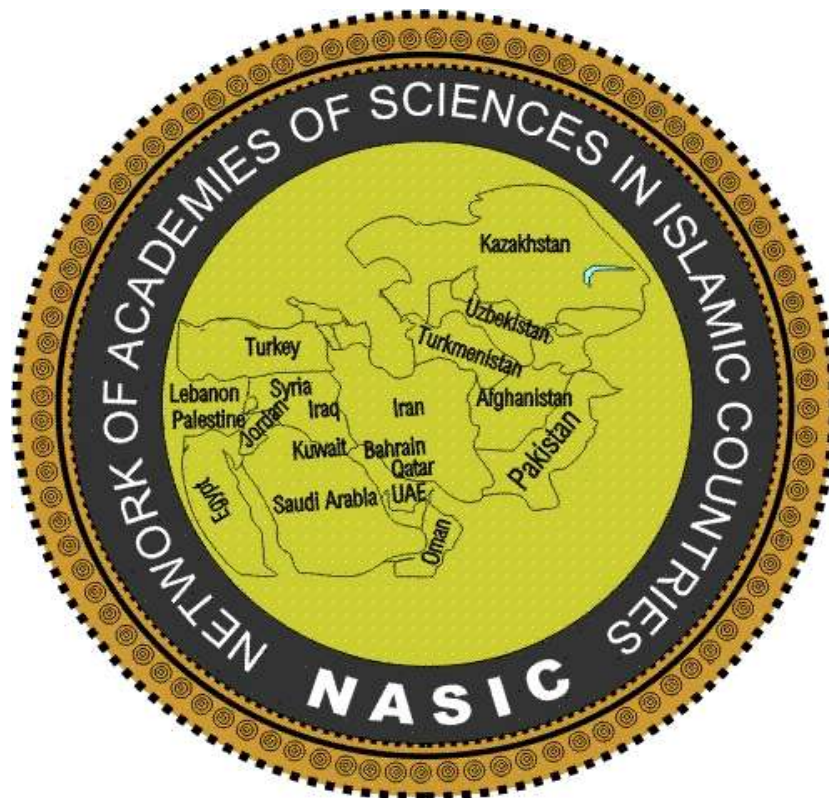


**Network of Academies of Science in Countries of the
Organization of Islamic Conference**

(N A S I C)



REPORT

(2011-2014)

Constitution Avenue, G-5/2
ISLAMABAD, PAKISTAN

ACTIVITES PERFORMED

- 1. The Network of Academies of Sciences in Islamic Countries organized, Executive Committee & General Assembly meetings of NASIC in conjunction with an International Seminar on “Poverty Alleviation through Sustainable Resource Management” 08-10 March 2011, at Islamabad, Pakistan.**

The purpose of this Seminar was to: bring NASIC member Academies at one forum to discuss issues, difficulties and solutions relevant to the theme; stimulate partnerships; share and exchange experiences of successful technologies, innovations and strategies to alleviate poverty through sustainable resource management; discuss prospects and options where National Academies can play a role to enhance Science & Technology for poverty alleviation; and create more vision among National Academies within and outside NASIC member countries. Co-organizers of the Seminar were Pakistan Academy of Sciences, OIC Standing Committee on Scientific & Technological Cooperation (COMSTECH), the Academy of Sciences for the Developing World (TWAS), and the Global Network of Science Academies (IAP). The Seminar was inaugurated by the President NASIC, Prof. Dr. Atta-ur-Rahman. Keynote address was delivered by Dr. Samar Mubarakmand.

The Seminar participants deliberated upon introduction of new technologies; technical education; industrial development; promotion of small and large scale firms; taxation policy and Engendering growth and Improving human development and governance. The Seminar was participated by 130 eminent scientists including delegates from Malaysia, Indonesia, Senegal, Bangladesh, Afghanistan and Uganda. Secretary General NASIC, Prof. Dr. Khalid Mahmood Khan, chaired concluding session of the seminar.

- 2. NASIC Executive Committee and General Assembly Meetings held on 22nd October, 2011 at Sheraton Doha Resort and Convention Hotel, Doha, Qatar.**

NASIC organized its 8th Executive Committee & 7th General Assembly meetings in conjunction with 18th Islamic World Academy of Sciences Conference on “The Islamic World and the West: Rebuilding Bridges through Science & Technology” dated 22-24 October 2011 at Doha, Qatar.

- 3. An International Conference on “Biodiversity in Desert Areas: Present Status, Threats and Remediation” organized by the Network of Academies of Sciences in Islamic Countries (NASIC) in collaboration with Hassan II Academy of Science & Technology Morocco and the Islamic Educational, Scientific and Cultural Organization (ISESCO) on September 13-14, 2012 at Rabat, Morocco.**

The Network of Academy of Sciences in Islamic Countries (NASIC) under the auspices of IAP and with the collaboration of Hassan II Academy of Science & Technology Morocco and the Islamic Educational, Scientific and Cultural Organization (ISESCO) organized an International Conference on “Biodiversity in the Desert Areas: Present Status, Threats and Remediation” on 13th -14th September, 2012 at ISESCO Headquarters, Rabat, Kingdom of Morocco. Conference was participated by 30 eminent scientists from Morocco and delegates from Egypt, Jordan, Libya, Republic of Tunis, Republic of Algeria, Afghanistan and Pakistan. The following three technical sessions were held; at the end of each session there were lively discussion.

- i) Desertification and conservation of desert ecosystems.
- ii) Case studies on preserving biodiversity and Environmental vulnerability.
- iii) Case studies on preserving biodiversity.

4. An International Conference on “Entrepreneurship for Young Women and using of New Technologies: Issues and Challenges” organized by the Network of Academies of Sciences in Islamic Countries (NASIC) in collaboration with Pakistan Academy of Sciences and Fatima Jinnah Women University on 26-27 November, 2013 at Rawalpindi, Pakistan

The Network of Academies of Sciences in Islamic Countries (NASIC) under the auspices of IAP and with the collaboration of Pakistan Academy of Sciences and Fatima Jinnah Women University (FJWU) organized an International Conference on “Entrepreneurship for Young Women and Using of New Technologies: Issues and Challenges” 26th - 27th November, 2013 at New Auditorium, Fatima Jinnah Women University, Rawalpindi. The purpose of an International Conference was to share and exchange experiences, identify and discuss prospects and options where National Academies within and outside NASIC member countries can enhance their role for the development of Science and Technology for encouraging young women to take up self employment and become entrepreneurs. Conference was attended by more than 250 eminent women scientists, engineers, entrepreneurs and students from Fatima Jinnah Women University, Rawalpindi. The delegates from Bangladesh, Egypt, Iran, Malaysia, Senegal, Uganda and United Kingdom also participated. The following four technical sessions were held; In each session four papers were presented and at the end of every session there were interactive discussions.

- i. Global and Regional Trends in Women Entrepreneurship.
- ii. Issues and Challenges of Women Entrepreneurship: Pakistani Perspective.
- iii. Critical perspectives on Women Entrepreneurship.
- iv. Quest for Success

5. An International Workshop on “Modern Spectroscopic Techniques and their Applications in Structure Determination” dated 1-3 December, 2014 at International Center for Chemical and Biological Sciences, University of Karachi, Karachi.

The Network of Academies of Sciences in Islamic Countries (NASIC) under the auspices of Islamic Development Bank (IDB) and with the collaboration of International Center for Chemical and Biological Sciences (ICCBS) organized an International Workshop on “Modern Spectroscopic Techniques and their Applications in Structure Determination” dated 1-3 December, 2014 at H.E.J. Research Institute of Chemistry, University of Karachi, Karachi, Pakistan. This aims to bring together a multidisciplinary community of researchers working on various aspects of chemical and biological sciences to enable stimulating discussion and exchange of information. Spectroscopy is a thriving and important area of research and development with a wide range of applications. There is a growing need for skilled personnel trained in spectroscopy, especially in spectral interpretation, both in academia and industry. The Prof. Dr. Muhammad Qaiser, Vice Chancellor, University of Karachi, was the Guest of Honour. The workshop was attended by delegates from USA, UK, Germany, Iran, Bangladesh and other countries.

6. NASIC E-newsletter published and circulated among its member Academies Bi-monthly.

PLANNED ACTIVITY FOR 2015:

- **International Workshop on “Herbal Drug Development for Socio-Economic uplift in Developing World” at Islamabad, Pakistan.**