



XIII Triennial National Conference of
Indian Women Scientists' Association (IWSA)

On

" Sustainable Development in India :
Role of Science & Technology "

2nd to 4th December, 2016

IWSA Campus, Sector 10 A, Plot 20, Vashi,
Navi Mumbai, 400 703



Today and in the years to come, India faces huge challenges as it attempts to provide its over one billion burgeoning population with clean water, food security, habitats, jobs, along with developing its infrastructure in cities and rural areas, and meeting the health, education and energy demands of its citizens in a fair manner. Sustainability is the buzz word these days in the context of development of the country and the world at large. It is expected that "Sustainable Development [SD] meets the needs of the present without compromising the ability of future generations to meet their own need"-[\[http://www.un-documents.net/ocf-02.htm#!\]](http://www.un-documents.net/ocf-02.htm#!). To do this and more, it would be advantageous to follow the 17 Sustainable Development Goals [SDGs] defined by the world community of scientific, economic and political leaders in 2015-16. These goals could well change the development paradigm. In the entire exercise, Science and Technology's [S&T's] role is central.

The XIII Triennial National Conference of Indian Women Scientists' Association [IWSA] will be held in Vashi, Navi Mumbai, Maharashtra [2nd to 4th December, 2016] to bring together experts in the field who can define the way forward for sustainable development in the context of S & T. The conference aims to bring our members across the country and other young and established scientists and students on a common platform on which they can showcase their work. The conference themes will prime them to think deeply about their research, both basic and applied, and the impact it should have on the development of the country in a sustainable manner.

The focus of the conference will be on three of the 17 sustainability goals : **Energy, Water, Food and Agriculture**. The conference will attempt to highlight the strong linkages of S & T to sustainable development. Participants will immediately note the close inter-linkages and overlaps among these and other SD goals. The last day of the conference will also have a special session dedicated to the work of different **NGOs** contributing to preserving our ecosystem which is a key to sustainable development.

Conference Strands

Under each strand, several aspects are included to guide the participants on the content of the conference. It is expected that the focus of presentations would be on the role of science and technology in each of these topics .

More details on each of these strands is available at
<http://www.iwsa.net/conference2k16/strands.php>



ENERGY



Renewable and non-renewable sources of energy, cleaner and efficient coal technologies, hydrogen energy, biofuel energy, nuclear energy, efficient lighting, efficient transportation, energy efficient agricultural technologies, efficient use of energy, energy from waste, energy storage, rural energy, smart grids.

WATER



Sources, water availability, water quality, water purification, desalination, cleaning of rivers, lakes, use and conservation, recycling and reuse technologies.

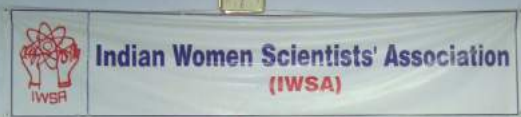
FOOD & AGRICULTURE

Efficient agricultural production, agri-smart innovative techniques, sustainable genetic varieties of crops and livestock, agriculture and nutrition, efficient use of land, soil, fertilizers and pesticides, agriculture and balance with the ecosystem, synergy between crops, livestock, forestry and fisheries, agriculture and climate change, agriculture-food and nutrition, food system-efficient storage, packaging, and distribution.



ROLE OF NGOs IN SUSTAINABLE DEVELOPMENT

All sustainability development goals need the involvement of members of the society to ensure that expectations are understood and explained to the community at large in lay terms. NGOs have a major role to play in this activity. They are the facilitators towards sustainability, acting as the interface between the policy maker and the end user.



About IWSA

IWSA is an NGO which was established in 1973. It has ten branches in the country and has the mandate to spread science among the masses and use science for societal benefit. IWSA conducts community and science based educational activities. It has a working women's hostel, a daycare centre, pre-nursery school, library, health care and computer centres. The science education related activities include popular science lectures in schools and colleges, conferences, workshops and refresher courses. For more information please visit our website :

(www.iwsa.net.)

Oral and poster presentations are invited in areas related to the conference strands

Registration Fees and Timelines

Delegates	Before 31 st July, 2016	From 1 st Aug. to 31 st Oct. 2016	From 1 st Nov. to 30 th Nov. 2016
IWSA Members	₹ 1500	₹ 2000	₹ 2500
Non Members	₹ 2000	₹ 2500	₹ 3000
Students	₹ 500	₹ 700	₹ 800
Industry	₹ 2500	₹ 3000	₹ 3500

Registration

<http://www.iwsa.net/conference2k16/reg.php>

The registration fee for a delegate will cover participation in all scientific and cultural sessions, the conference proceedings and accompanying printed material, tea/coffee and lunches.

Accompanying persons are welcome to join the cultural event. Meals will be available to them on payment.

Abstract Submission Deadline : 1st August, 2016

Abstract format <http://www.iwsa.net/conference2k16/abstract.php>

Acceptance of abstract : 2nd September, 2016

Accommodation

The registration fee does not include accommodation charges. Delegates are encouraged to make their own arrangements for stay. Efforts are on to identify guest houses, hostel rooms and good hotels in the vicinity of IWSA. Information about these will be given on the conference website.

Conference Format

The lectures will be covered over three days to present the major strands of Energy, Water, Food & Agriculture and role of NGOs. These will include :

Keynote lectures : Will provide an overview of the strand.

Invited lectures : Will offer insight into sub strands of each broad area.

Contributory Papers : Will cover different aspects of the major strands including industry CSR.

Contributory Posters : Defined time will be assigned for posters wherein the delegates can present their work and interact with one another and experts.

Mode of Payment for the Conference

1. Kindly send Demand Draft/cheque in favour of [XIII TRIENNIAL CONFERENCE OF IWSA](#) to IWSA Headquarters at the address given below.

2. Direct bank transfers are to be made to :

NAME OF THE ACCOUNT : [XIII TRIENNIAL CONFERENCE OF IWSA](#).

BANK OF BARODA : [VASHI BRANCH, BIG SPLASH, SECTOR 17, VASHI, NAVI MUMBAI - 400 705.](#)

ACCOUNT NO. : [10430100019330](#)

IFSC : [BARBOVASHIX](#)

MICR CODE : [400012081](#)

Please ensure bank service charges are borne by delegates. Send mail to iwsa2016conf@gmail.com giving details of your name, date transferred, transaction ID and amount transferred.

3. You can also pay online through our Conference website <http://www.iwsa.net/conference2k16/index.php>

Contact us :

[Dr. Surekha Zingde,](#)

[Convener, XIII Triennial Conference,](#)

[Indian Women Scientists' Association.](#)

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Email : iwsahq@gmail.com

Website : www.iwsa.net

Conference Email : iwsa2016conf@gmail.com

Conference website: <http://www.iwsa.net/conference2k16/index.php>