



The Institution of Engineers (India)

DELHI STATE CENTRE

34th National Convention of Environmental Engineers & National Seminar

Theme : Environmental Pollution and Climate Change

August 10-11, 2018 • New Delhi

Devendra Gill
Chairman, IEI-DSC

Dr. S.K. Singh
Convenor

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Hony. Secretary, IEI-DSC

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Engineer-in-Chief
Public Works Department
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I. P. Estate, New Delhi: 110002

Handwritten notes and signatures: 7858, 27/6/18, GA, A 40, 4/12/18, 27.6.18

Ref. No. IEI/DSC/CH/2018
Date: June 23, 2018

Sub: 34th National Convention of Environmental Engineers & National Seminar on "Environmental Pollution and Climate Change" during August 10-11, 2018 at New Delhi

Dear Sir,

You may be aware that The Institution of Engineers (India) established in 1920, is the largest professional body of Engineers in India with a membership of nearly 9.5 lacs. The Institution was granted the Royal Charter in 1935 to promote and advance the sciences, practice and business of Engineering in all its branches in India. Starting with this humble beginning, The Institution of Engineers (India) is now a unique professional body encompassing 15 engineering disciplines and 6 fora.

I am pleased to inform that Delhi State Centre of The Institution of Engineers (India) is organizing 34th National Convention of Environmental Engineers & National Seminar on "Environmental Pollution and Climate Change" under the aegis of Environmental Engineering Division-IEI in Association with Delhi Technological University (Department of Environmental Engineering) during August 10-11, 2018 at New Delhi. The details are given in the enclosed brochure.

The Convention shall cover several problems, associated risks, remediation methods and techniques pertaining to air, water, soil, noise, thermal, radioactive and light pollutions and climate change. It is divided into delegate presentation, structured discussion and invited external speakers. The organizers hope that the discussions and deliberations during the convention will come out with concrete action plans and remedial measures to some extent to resolve the issue of Environmental Pollution and Climate Change.

It is expected that nearly 150-200 delegates and Invitees representing various organization, would participate in the Convention.

Realizing the significance of this Convention for your Organization, I wish to request you to kindly depute officers as delegates and/or as authors.

I look forward to your positive response.

Thanking You *आभारपूर्वक प्रमुख अधिकारी, लॉकविंग, सं. ई. डी. सी. पी/10(1)/2018 पृ 332, 9/7/18*
अनुरोध है कि उपरोक्त समीक्षा हेतु आपने अपने के अधीनस्थ इष्टतम अधिकारियों के नाम इस कार्यालय के शीघ्र भिजवाये।
Yours Sincerely,
Devendra Gill
(Devendra Gill)

Encl: As above

DR
सहायक प्रशासनिक अधिकारी
कार्यालय प्रमुख अभियंता
ल० नि० वि०, दिल्ली सरकार
12वां तल, पुलिस मुख्यालय,

- Future Risks & Opportunities
- Climate Change Challenges
- Climate Change Law & Policy
- Oceans & Climate Change
- Pollution & its Effects on Climate
- CO₂ Responsible Climate Change
- **Land, Waste and Emergency Management Innovations**
 - Water & Wastewater Treatment
 - Clean & Green Technology
 - Waste Management & Energy Conservation
 - Pollution Prevention
 - Land Revitalization Methods

Date & Venue

August 10-11, 2018
 "Engineers Bhawan", 2 Bahadurshah Zafar Marg,
 New Delhi-110002

About the Organisers

Delhi State Centre - The Institution of Engineers (India)

Delhi State Centre has a history of nearly 90 years. Located at ITO, it is a landmark in the city of Delhi. It has played a crucial role in uniting various professional societies' right from its inception. Delhi State Centre has organized various successful activities which include International and National Conferences, Indian Engineering Congress, All India Seminars, Round Table Conferences and Workshops relating to different strategy of engineering and having crucial impact on society.

Department of Environmental Engineering, Delhi Technological University

The Department of Environmental Engineering at Delhi Technological University (DTU) is a global leader in developing engineering solutions to societal based challenges. It has been offering M.E. (Environmental Engineering) degree since 1972 and B.E. (Environmental Engineering) degree since 1998. Currently it offers B. Tech, M. Tech., and PhDs degrees in Environmental Engineering. Apart from this, the department also provides continuing Education programme on part time basis for PG Level. The departmental laboratories for teaching and research are among the best in the nation, providing opportunities for hands-on-experience for all students. Well qualified and dedicated faculty makes it an ideal department for carrying out academic activities like teaching, research and consultancy work. We foster diversity of people, research and interests, and champion the careers of our students, research scholar, staff and faculty members.

Participants

Members of Environmental Engineering Division Board of IEI, Senior Level Officers from Govt. Departments & Research Institutes, PSUs and related agencies, involved in policy & decision making, Researchers/Academics, NGOs & Students in general are expected to be the participants and would be benefitted from the presentations to be made by the experts in the field.

Participation Fees

Categories*	Registration Fees (in Rs)
Consultancy Firms/ Industrial Delegates	Rs. 5000/- + 18% Taxes as Applicable
Govt. Officers/NGOs/ Research Institutes	Rs. 4000/- + 18% Taxes as Applicable
Corporate Members of IEI	Rs. 3000/- + 18% Taxes as Applicable
Students/Research Scholar	Rs. 1500/- + 18% Taxes as Applicable

- Early Bird Discount @ 10% for registration before May 31, 2018.
- 10% Discount for Registration of three or more delegates from an Unit.

Conference registration fees include:

- Conference package
- Unlimited access to conference
- Meals and refreshments during the conference
- Convention dinner.

Call For The Papers/Presentations

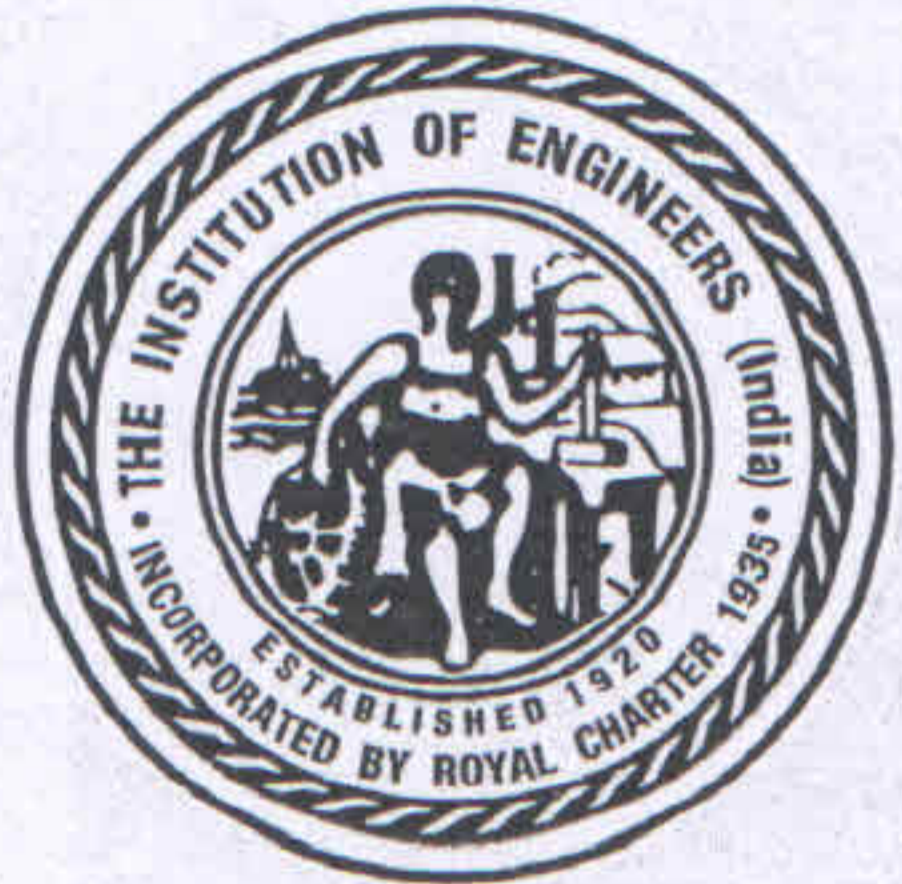
Abstract should not exceed 250 words and should contain title, author's name, full address and email address. Please specify the conference track of choice. Include at least 3-5 keywords. Full papers submitted to the conference have to follow author's guidelines found here (LINK) :

Sr. No.	Activity	Last date of submission/confirmation
1	Submission of Abstract	01.05.2018
2	Abstract Acceptance	25.05.2018
3	Final Paper Submission	20.06.2018
4	Presentation Submission	05.07.2018

Sponsorship/Partnership

Sponsorship	Fee	Privileges
Patron	Rs. 5,00,000	Complimentary: 20 Delegates, One Back Page Colour Advertisement, Presentation Slot of 30 min, Exhibition Space and Display of Logo & Name in Souvenir, Proceeding, Kit & Backdrop of Convention
Diamond	Rs. 2,00,000	Complimentary: 10 Delegates, One Inner Colour Full Page Advertisement, Presentation Slot of 15 min, Exhibition Space and Display of Logo & Name in Souvenir & Backdrop of Convention
Gold	Rs. 1,00,000	Complimentary: 6 Delegates, One Inner Colour Full Page Advertisement and Display of Logo & Name in Souvenir & Backdrop of Convention

First Information Brochure



34th National Convention of Environmental Engineers & National Seminar

on

Environmental Pollution and Climate Change

August 10-11, 2018

New Delhi



Organised by :

The Institution of Engineers (India)
DELHI STATE CENTRE

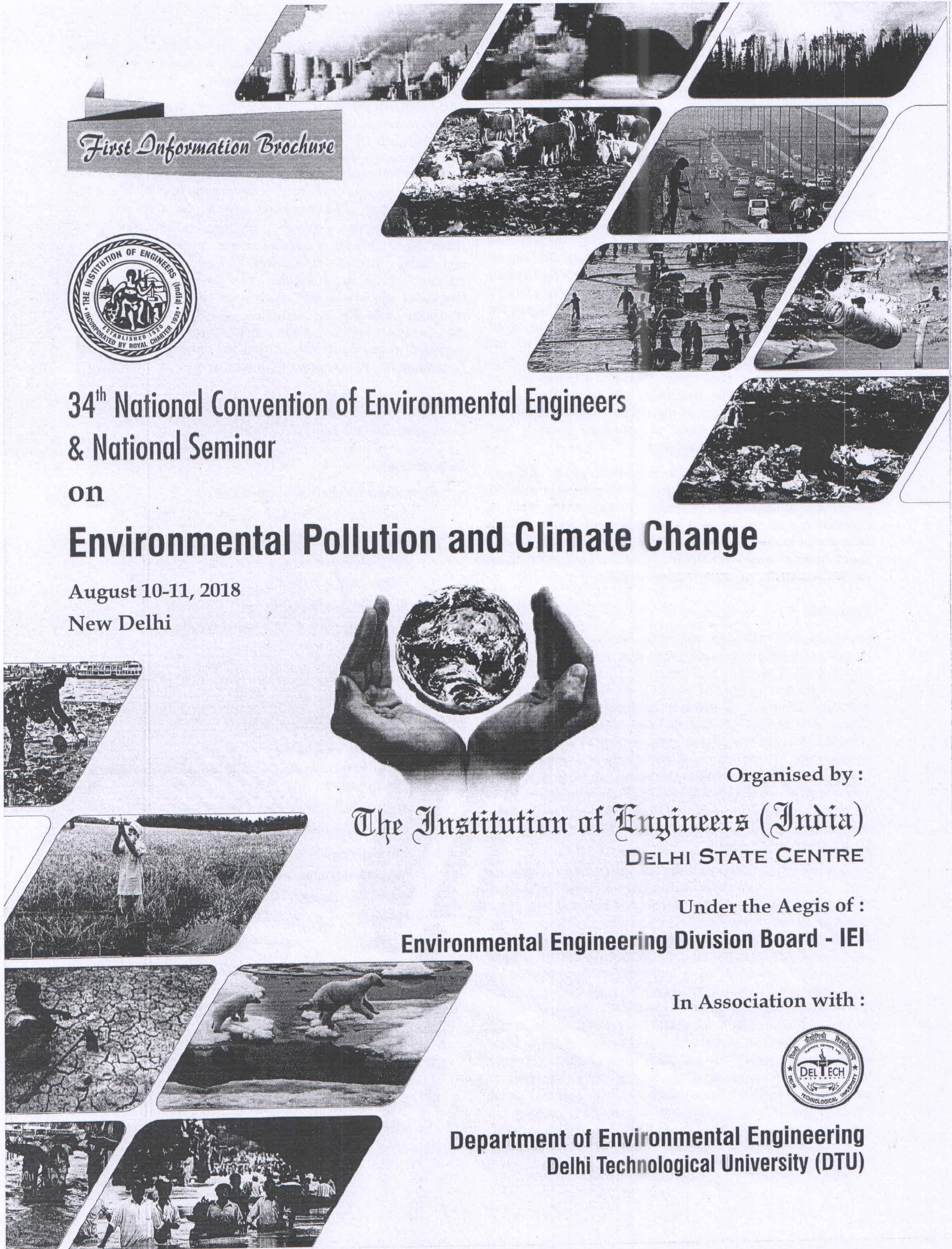
Under the Aegis of :

Environmental Engineering Division Board - IEL

In Association with :



Department of Environmental Engineering
Delhi Technological University (DTU)



About The Institution of Engineers (India)

The Institution of Engineers (India) or IEI is the largest multidisciplinary professional body that encompasses 15 engineering disciplines and gives engineers a global platform from which to share professional interest. IEI has membership strength of more than 0.9 million. Established in 1920, with its headquarters at 8, Gokhale Road, Kolkata-700020, IEI has served the engineering fraternity for over nine decades. In this period of time it has been inextricably linked with the history of modern-day engineering.

In 1935, IEI was incorporated by Royal Charter and remains the only professional body in India to be accorded this honour. Today, its quest for professional excellence has given it a place of pride in almost every prestigious and relevant organization across the globe. IEI functions among professional engineers, academicians and research workers. It provides a vast array of technical, professional and supporting services to the Government, Industries, Academia and the Engineering fraternity, operating from more than 121 Centres located across the country. The Institution has established R&D centres at various locations in the country and also provides grant-in-aid to its members to conduct research and development on engineering subjects.

IEI conducts Section A & B Examinations in different Engineering disciplines, the successful completion of which is recognized as equivalent to Degree in appropriate field of Engineering of recognized Universities of India by the Ministry of Human Resources Development, Govt. of India. Every year as many as 90000 candidates appear for these exams. For details, please see: www.ieindia.org

Preamble

Environmental pollution refers to the contamination of ecosystem and the surrounding atmosphere by different forms of pollutants (Chemicals and Energies). Climate change refers to the variation in normal weather patterns caused due to pollution. The issue of environmental pollution and climate change has become an international concern due to their adverse affects to the physical and biological entities of the environment. Exploitation of earth's natural resources is currently an essential condition of human existence. However, accelerated economic growth with high consumption level in developed countries and aspirations of developing countries to reach matching levels of growth are continuing to damage our planet Earth's environment.

India is one of the fastest growing economies of the world and will continue its rapid urbanization and economic development in the coming decades. This is a cause for celebration, but this growth also presents challenges in the form of rising consumption and demand for energy, increasing greenhouse gas emission, and constraints on critical natural resources such as land, water and biodiversity harbored by them. Since long a course of action plan was resolved in Rio-declaration to improve environmental degradation, to reduce the loss of biodiversity and emission of greenhouse gases and to go ahead towards sustainable development. Still we have not succeeded much in this direction. Like all other countries, India needs to find a way to ensure environmental sustainability without compromising its economic and social development. To address growing environmental challenges, a new development paradigm is needed that puts people at the centre of development, regards economic growth as a means

and not an end, protect the life opportunities of future generations as well as the present generations and respects the natural systems on which all life depends.

Sustainable development is a key concept that provides an answer to the question how humankind coexists harmoniously with the earth and with nature. Keeping this in mind, Delhi State Centre, The Institution of Engineers (India) is organising a two-day National Convention during August 10-11, 2018 to address issues and challenges of Environmental Pollution & Climate Change in the era of fast changing environment. The convention covers several problems, associated risks, remediation methods and techniques pertaining to air, water, soil, noise, thermal, radioactive and light pollutions and climate change. It is divided into delegate presentation, structured discussion and invited external speakers. The organizers hope that the discussions and deliberations during the convention will come out with concrete action plans and remedial measures to some extent to resolve the issue of Environmental Pollution and Climate Change.

Theme

Environmental Pollution and Climate Change.

Sub-themes

- **Environmental Pollution and Control**
 - Environmental Pollution Concerns in India
 - Water Pollution & Health
 - Air Pollution & Health
 - Control of Air Pollution
 - Soil Pollution & Health
 - Remote Sensing & GIS for Pollution control
- **Best Practices**
 - Renewable Energy to Mitigate Climate Change
 - Fossil Fuels vs. Bio-fuels
 - Solution for Climate Change
 - Alternative Energy Resources
 - Socio-Economic & Legal Dimensions of Sustainable Development
 - Sustainability & Climate Change
 - Green Transportation
 - Environmental Health
 - Sustainable Agriculture
 - Green Chemistry
 - Green IT
- **Climate Change**
 - Climate Change & Climatology
 - Evidence of Climate Changes
 - Global Warming Effects & Causes
 - Climate Change: Biodiversity Scenarios
 - Carbon Cycle
 - Climate Hazards
 - Risks of Climate Change
 - Effective Adaptations
 - Energy Policy