



ileaps

Integrated Land Ecosystem -
Atmosphere Processes Study

iLEAPS News - October 2021

COVID-19 continue to present us with an unprecedented challenge to our business and lifestyle and livelihoods. In these uncertain times, we hope that everyone in our iLEAPS community is healthy and safe and that you are able to take the necessary measures to help limit the spread of the virus and to keep yourself and your loved ones healthy. We would like to extend our congratulations and gratitude to our members and co-workers for an amazing co-operation and excellent output during this difficult times.

We wanted to take this opportunity to update you on some changes within the iLEAPS SSC and some events that are due to happen in the near and distant future.

6th iLEAPS- OzFlux joint Conference 2021 postponed to 2023....



Despite the uncertainty of 2021, we are now focusing our attention on planning ahead for the [6th iLEAPS- OzFlux joint Conference 2023](#) taking place in a hybrid mode at Auckland University of Technology (AUT) in February 2023.

This unique 4 day conference aims to bring together researchers from a variety of fields related to land-atmosphere exchange processes and will combine keynote speakers, plenary sessions, poster exhibitions, workshops, networking

[Keynote speakers](#) include:

- Professor Vic Arcus, University of Waikato.
- Professor Graham Farquhar, Australian National University, Research School of Biology.
- Professor Belinda Medlyn, Western Sydney University, Hawkesbury Institute for the Environment.
- Dr Sara Mikaloff-Fletcher, NIWA - National Institute of Water and Atmospheric Research.

More information on the conference programme, including abstract submissions, registration, pre-conference workshops, ECS workshops and post-conference tours can be found [here](#).

Please save the date in your diary and follow #iLEAPS on Twitter or visit <https://www.ileaps-ozflux2021.org/> for announcements and registration information.

Scientific Steering Committee (SSC)

The steering committee has been going through some changes. We've said goodbye and thank you to Vinayak Sinha who has stepped down as co-chair. We have elected 6 new members into the SSC this summer. See the details of the members below:



Dr. Gregor Feig

Manager

SAEON Expanded Freshwater and Terrestrial
Environmental Observation Network



Dr. Pallavi Saxena

Assistant Professor at Department of Environmental
Sciences

Hindu College, University of Delhi
Delhi, India.

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Lancaster Environment Centre at Lancaster University
Head of SAPIInG (Society-Atmosphere-Plant
Interactions Group) Lab, UK



Dr. Gemma Purser
University of Edinburg
Forest Research and the UK Centre for Ecology &
Hydrology (UKCEH), UK



Prof. Jiming Jin
Yangtze University,
China



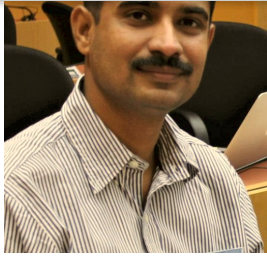
Dr. Stefan Wolff
Max Planck Institute for Chemistry
Mainz, Germany

[Click here for more information on the iLEAPS SCC members](#)

New IPO member



Dr. Semeena Valiyaveetil Shamsudheen has been appointed as the Project Administrator at the IPO in May 2021. She is also a Land Atmospheric Scientist at the UK Centre for Ecology and Hydrology where the iLEAPS IPO is located.

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the Government of India “**Commission on Air quality Management**”. This commission will be focusing on the air quality in Delhi and prioritizing the development of a source apportionment system. Congratulations to Dr. Ghude for this great honour!

Future Earth General Assembly 2021



iLEAPS Co-Chair Dr. Benjamin Paulter and IPO Dr. Semeena Valiyaveetil Shamsudheen have been nominated as the Future Assembly members this year. They will serve as Assembly members for the period 2021-2024.

Dr. Sirkku Juhola and Dr. Gemma Purser have been elected as the Governing Council members of Future Earth from the Global Research Network and Early Career Researchers group respectively.

Congratulations to all four of them and we are looking forward to have an improved collaboration with other Global Research Programs and a better representation of iLEAPS in Future Earth.

iLEAPS Early Career Scientists Network



iLEAPS Early Career Scientists Twitter Conference Poster Competition | 25-26th July 2021

iLEAPS Early Career Scientists Network and FLUXNET jointly organised a Twitter Poster competition in July. **Francisco Gaxiola-Ortiz** from Instituto Tecnológico de Sonora, Mexico for the poster titled "**Soil moisture dry down curves after flooding events across an irrigated farmland**" and **Kuang-Yu Chang** from Climate and Ecosystem Science Division of Lawrence Berkeley National Laboratory for the poster "**Short-term ecosystem responses to microclimate modulates decadal water use efficiency trends**" have shared the prize. Congratulations to Mr. Gaxiola-Ortiz and Mr. Chang.


from iLEAPS.

iLEAPS Regional Events 2021

iLEAPS South Asia Region has started Earth and Environment Day series, and conducted the first event, **"World Ozone Day - A South Asian Perspective"** on 16th September, 2021. Primary Convenors were: Dr. Pallavi Saxena and Dr. Sachin Ghude from SSC and Early Career Representative Convenor: Dr. Saurabh Sonwani. Renowned scientists from India, Pakistan and Bangladesh talked about the Spatio-temporal variations in Ozone concentration.

The Latin American Early Career Network(LAECES) has organised a webinar on July 28-29, 2021 on the theme "Past, present and future of Earth System Science". [Marcelo Mena](#), the former Chilean Minister for environment and the renowned Earth System scientist from Brazil, [Carlos Nobre](#) were keynote speakers in the event.


World Climate Day Symposium 2021




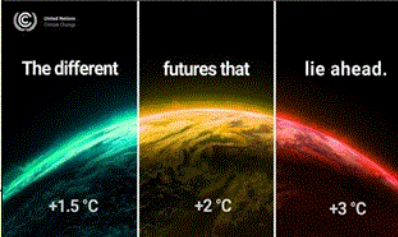
Earth & Environmental Day Series

INTERNATIONAL DAY OF CLIMATE DAY ACTION
 A South Asian perspective

Conveners: Dr. Pallavi Saxena; Dr. Sachin Ghude and Dr. Saurabh Sonwani^[ECR]

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Session Program	
15:00 – 15:40 IST	Prof. Anil K. Gupta , Environment, Climate and Disaster Risk Management Division, NIDM, New Delhi India > <i>Localizing Climate Agenda: Post 2030 Vision</i>
15:40 – 16:00 IST	Dr. Pir Shaukat Ali , Global Change Impact Study Centre, Ministry of Climate Change, Islamabad, Pakistan > <i>Identifying Hotspots Vulnerable to Climate Change in Pakistan</i>
16:00 – 16:20 IST	Dr. Mohan Kumar Das , Institute of Water and Flood Management, Bangladesh University of Engineering and Technology, Bangladesh > <i>Observed Trends in Climate Extremes Over Bangladesh</i>
16:20 – 17:00 IST	Interactive and Q & A session

Registration Link: <https://forms.gle/gqdkpSnvBBCTsgpy8>

iLEAPS Asia Region is organising a symposium on 24th October on the Occasion of International Day of Climate Action. Please register at the link below.

<https://forms.gle/gqdkpSnvBBCTsgpy8>

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Future Events...

- iLEAPS South Asia region is conducting the following events under Earth and Environment Day Series:
 - World Soil Day on 5th Dec 2021
 - World Wetland Day, 2nd February 2022
 - International Day of Forests, 21st March 2022.
- iLEAPS South Asia region is starting a colloquium Series from November, 2021 onwards with one lecture by distinguished scientist every month.
- One day workshop under discussion on **"Fires in South Asia: implications to air quality"** in the first half of November 2021 in collaboration with IGAC-Asia and satellite group in NASA.

Stay tuned for iLEAPS Lite Conference 2022....

Second Lite conference of iLEAPS is planned for March 2022. SSC members are advised to suggest and convene sessions. Some sessions already proposed and under considerations are

- Role of Biogenic VOCs in Atmosphere
- Land-surface Process and its role in Climate Process
- The impacts of achieving Net-zero from a biosphere-atmosphere perspective

Applications are welcomed to co-convene sessions with iLEAPS Scientific Steering Committee members. Contact iLEAPS IPO for more details: ileaps@ceh.ac.uk

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