

# Annual Science and Coordinating Committee of the International Long-Term Ecological Research Network 2022

<<OPEN TO ALL PARTICIPANTS>>

## ILTER Scientific Conference 2022

Date: October 12-14th, 2022

Time: 9-12 local Novi Sad time (CEST), that is 7-10 UTC

Venue: HYBRID meeting | Zoom access link will be sent via e-mail before the CC meeting and is also available at the Meeting cloud folder

DAY	Local time (CET)	Presenter	Format	Title
<b>Oct 12</b>	8:30	Registration, Zoom opening		
	9:00	Siddeswara Guru	Virtual	Information Technology Workshop
	10:20	Coffee break		
	10:40	Johannes Peterseil	in person	DEIMS-SDR - more about long-term ecosystem observation sites
	11:00	Sonja Tarčak	in person	Digital experiment towards linking forest management to ecosystem services
	11:20	Kremena Gocheva	in person	Bulgaria LTER
	11:40	Ute Skiba	Virtual	The importance of nitrogen research at eLTER and ILTER infrastructures.
	12:00	Lunch		
14:00	Coordinating Committee Meeting	CC members only		
<b>Oct 13</b>	8:30	Registration, Zoom opening		
	9:00	Amit Kumar Batar	in person	A novel ecological restoration approach using earth observation data
	9:20	Kinga Krauze	in person	Don't ask what NBS can do to you, ask what you can do for NBS! In short: LTSE and NBS interface
	9:40	Lora Kirova	in person	"Parangalitsa" site for long-term monitoring and research studies in mountain forests – current results and challenges
	10:00	Daniel Orenstein	in person	What does nature feel like? Using embodied walking interviews to discover cultural ecosystem services.
	10:20	Coffee break		
	10:40	Eli Zaady	in person	Drought as a climate change agent and its effects on the structure function and state of semiarid terrestrial ecosystems

	11:00	Marija Miličić	in person	Proposal for integration of pollinator monitoring schemes and LTER network
	11:20	Chiao-Ming Lin	virtual	The integrated management model of indigenous ecological agricultural landscape and human-wildlife conflict
	11:50	Jan Dick	virtual	Combining local and network studies to enhance impactful science
	12:10	Lunch		
	14:00	Coordinating Committee Meeting	CC members only	
<b>Oct 14</b>				
	9:30	Registration, Zoom opening		
	10:00	Bruna Paolinelli Reis	virtual	Ecological restoration within eLTER community: the results of a questionnaire
	10:20	Gana Gecheva	virtual	Mesta River LTER site (South West Bulgaria): macrophyte-based assessment
	10:40	Melanie Köbel	virtual	How much time? Modelling oak natural regeneration in dryland Mediterranean systems
	11:00	Andrea Benech	virtual	Long-term ecosystem and biogeochemical research at the LTER site "Istituto Scientifico Angelo Mosso" (NW Italian Alps)
	11:20	Kremena Gocheva	virtual	Fusing socio-ecological and cultural ecosystem services indicators: challenges of going from national to local scale. A case study from the high mountain ecosystems of Rila, Bulgaria
	11:50	Guillaume Patoine	virtual	The role of soil microbial diversity in ecosystem multifunctionality
	12:10	Science Meeting Adjourns		

<<CC MEMBERS ONLY>>

## **ILTER Coordinating Committee Meeting 2022**

Date: October 12-13th, 2022

Time: 14-16 Local Novi Sad time (CEST), that is 12-14 UTC

Venue: HYBRID meeting | Zoom access link will be sent via e-mail before the CC meeting and is also available at the Meeting cloud folder

- Meeting cloud folder: [CC Cloud > Meetings > 2022 CC Virtual](#)
- Meeting website: [ILTER.network > Events > ITER Coordinating Committee meeting 2022](#)

### **Day 1 | October 12 (Wednesday), 14:00 – 16:00** Local Novi Sad time (CET)

1. Chair opens meeting and Welcome brief (14:00-14:20)
  - Short self-introduction of participants, Agenda confirmation and briefing
2. Leaving Chair's summary and Incoming Chair's perspective (14:20-14:35)
  - Short presentations
3. By law revisions (14:35-14:55)
  - Governance and Membership Dues (Herbert)
    - *See Files in folder "Governance and membership dues", specifically "ILTER Bylaws 2022 proposal"*
  - Graduate Education and Early Career Development Committee (Tiffany)
4. Committee and Regional Network report highlights (14:55-15:10)
  - Brief round-robin from each Committee and Regional Network (2 min each)
    - Science
    - Information Management
    - International Relations
    - European LTER
    - ITER-EAP
    - SAEON
    - US LTER

- *Committee and Regional group reports provided in subfolder "Files > Reports" in the meeting cloud folder*

## 5. 2026 Visioning – PART 1 (15:10-15:45)

- Collect opinions and suggestions from members for CC vision for 2026 goals in breakout discussions with goal areas based on BOG 2020 activity – identify vision for what ILTER looks like from accomplishing this goal, how is ILTER uniquely suited to accomplish it, what new challenges are ahead ‘post’ COVID, and how do we overcome them?
  - GOAL: Enhance research productivity (Facilitator request: Groner)
    - E. g., using power of network for ‘bottom-up’ activities with standard/simple protocols
  - GOAL: Inspire the next generation to utilize/engage with the ILTER Network (Facilitator request: Grimm)
  - GOAL: Develop new socio-ecological/urban resilience/stakeholder-inspired research theme (Facilitator request: Orenstein)
  - GOAL: Promote ILTER opportunities for underrepresented people and regions of the globe (Facilitator request: Gaxiola)
  - GOAL: Enhance ILTER global visibility (Facilitator request: Mirtl)
- Report Back (15:45-15:55)

• Cf. file "[ILTER CC 2020 – OSM brainstorming](#)"

## 6. Charge for Tomorrow; Picture; Meeting Adjourn (15:55-16:00)

<sup>1</sup> The CC cloud is accessible via the website ([organisation > file store](#)). If you forgot the password, send an e-mail to [secretariat@ilter.network](mailto:secretariat@ilter.network)

## **Day 2 | October 13 (Thursday), Local Novi Sad time (CEST)**

### 7. Summary and Reflections from Day 1 (14:00-14:15)

### 8. 2026 Visioning – PART 2 (14:15-15:00)

- Reconvene in breakout discussions on Goal areas (30)
  - Review the discussion summary from Day 1
  - Reconvene in breakout discussions on Goal areas - How we get there, what metrics to apply, and targets to set near-term, and by 2026?
- Report Back, Discussion, and Near-term Decisions to follow-up in Teleconference (15)

### 9. Open Science Meetings (OSM) Updates (15:00-15:10)

- OSM 2023 (Kunming, China) -- Update on the current planning status by local host organizers
- OSM 2026 (San Juan, Puerto Rico) – Quick update

- OSM 2029 – Next host
9. Update on Publication collection (Elli) (14:10-14:15)
  10. Short information item on the Reorganization of ILTER initiatives (Herbert) (15:15-15:20)
    - *See File "Concept ILTER Scientific Initiatives"*
    - *And <https://www.ilter.network/latest/call-for-proposals>*
  11. Finance report & budget report (Herbert/Nathalie/Aurora) (15:25-15:30)
    - Report from Secretariat and Auditors
    - Budget 2022-2023 for decision
      - *See Files "ILTER Financial Report 2021-2022", "ILTER Budget 2022-2023 proposal"*
  12. Membership (14:30-14:35)
    - New networks?
  13. ILTER E-newsletter and webinars (15:35-15:45)
    - Short reports and update from International Management Officer (IMO)
  14. Updates of the site accreditation (15:45-15:55)
    - Update from DEIMS manager (Johannes on behalf of Christoph)
  15. Wrap-up and next steps (15:55-16:00)

Note: Order of the agenda items might be changed according to the meeting status, time availability etc.

Supplementary Table. 2020 breakout sessions of ILTER Activities – achievements and opportunities for improvement

<b>Achievements</b>	<b>Opportunities and next steps</b>
<ul style="list-style-type: none"> <li>• Since 2019 survey conducted: ILTER E-newsletter, ILTER website updated include how to get involved</li> <li>• DEIMS upgraded: development of the API</li> <li>• ILTER Strategy Plan 2020-2030 is a big achievement.</li> <li>• TeaBag Composition, SoilBon type global activities</li> <li>• OSM was great. The ILTER research network is increasing.</li> <li>• ILTER networks are collaborating with each other and conducting Training courses for IM, e.g., TERN Taiwan 2020 .</li> <li>• High Impact factor publications: Nature, PNAS, etc.</li> <li>• Foster scientific initiatives</li> <li>• Improving representation in global program, e.g., GEO, INMS</li> </ul>	<ul style="list-style-type: none"> <li>• Limited research productivity over the last year.</li> <li>• “Education committee” could also be established.</li> <li>• Need to publish papers with more engagement and collaborations to increase recognition of ILTER</li> <li>• Need to focus more on socio-ecological research.</li> <li>• COVID-19 Impact: resilience to external shocks and framework to address impacts and responses.</li> <li>• Need to link all scientists to each other across the globe.</li> <li>• Remote Sensing and another global database can help to address specific global or regional environmental issues.</li> <li>• More engagement is needed with young and early career researchers</li> </ul>

<ul style="list-style-type: none"> <li>• Increasing internal visibility of ILTER</li> <li>• Inclusion of social dimension</li> <li>• Willingness to share data</li> <li>• Bottom-up initiatives</li> <li>• Promoting large scale study and experiments</li> </ul>	<ul style="list-style-type: none"> <li>• More geographical distribution of the ILTER site and network.</li> <li>• Identify a financial body or funding opportunities</li> <li>• More focus on urban ecology, climate change</li> <li>• Key opportunity for work – elevates stakeholder-inspired research</li> <li>• Deliver significant info packages to society and decision makers.</li> <li>• Need to present in importance of global report to build ILTER alliance</li> <li>• Clear guideline to join research projects and publications</li> <li>• Value of networking: “value” depends on the entities; individual scientists, institutions, LTER networks</li> <li>• Irregular payments of dues</li> <li>• Data sharing policy</li> <li>• Develop new research theme</li> <li>• Evaluate ILTER as a global program</li> <li>• Online training courses</li> <li>• Need continuous and more communication among networks.</li> <li>• Needs to engage international members and stakeholders</li> <li>• Further engagement of other countries and regions.</li> <li>• There are still gaps – gender balance</li> </ul>