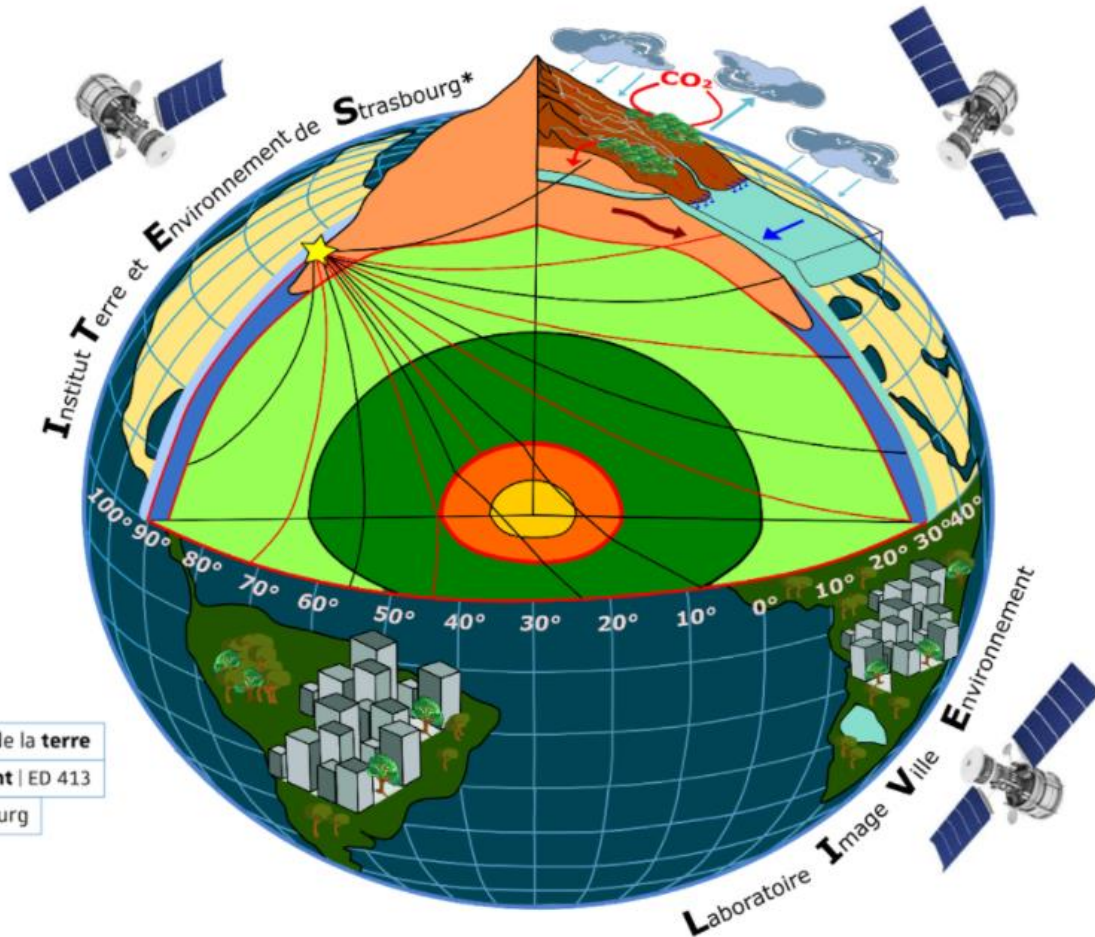


PhD Congress of ED413

L'Ecole Doctorale: Sciences de la Terre et de l'Environnement



École doctorale



Sciences de la terre

et de l'environnement | ED 413

Université de Strasbourg



Tuesday, March 18th, 2025



CDE, 46 Bd de La Victoire

KEYNOTE SPEAKER

Nicolas Gratiot
DR, IRD/IGE

"Lessons learnt from the coastal erosion
of the Mekong delta"

For all the additional information:
(scan the QR code)

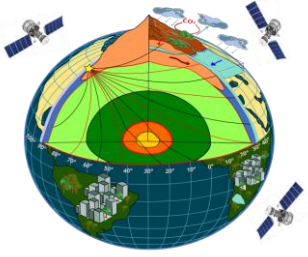
<http://eost.u-strasbg.fr/stue/>

or contact us via e-mail:

congressdesdoctorantsed413@gmail.com



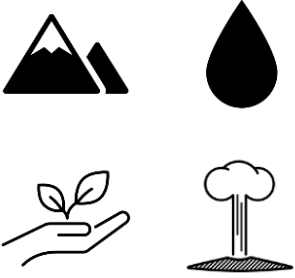
The congress in 5 points



A talk session and a poster session on the 18th of March 2025 with a total of **19 presentations!**



The perfect occasion to meet new people, share sciences and win the best oral and poster prize!



Topics from 5 different fields:

- Hydrology
- Geochemistry
- Geology
- Geophysics
- Geography



A Keynote from **NICOLAS GRATIOT**, will do a presentation “Lessons learnt from the coastal erosion of the Mekong delta”




For any questions do not hesitate to contact us at congresdesdoctorantsed413@gmail.com. You also will find a lot of information on the congress [website](#).

Schedule of the day

Appointment at 8:20 a.m. at the room “Amphithéâtre” of the **Collège Doctoral Européen (CDE)** (46 Boulevard de la Victoire, 67000 STRASBOURG)

Keynote

We are very honored to receive **Nicolas GRATIOT**, deputy director of the Institute of Environmental Geosciences (IGE) in Grenoble

10:30 to 11:15	Nicolas GRATIOT
“Lessons learnt from the coastal erosion in the Mekong Delta”	

Oral presentations

The oral presentations are divided in **5 sessions**:

- Seismicity and Reservoir Characterization
- Geophysical Monitoring & Groundwater Studies
- Seismology and Geophysical Data Analysis
- Geochemistry and Environmental Processes
- Tectonics, Rifting, and Sedimentology

For more information, please find the detailed program in the next pages and the abstracts in the website <http://eost.u-strasbg.fr/stue/prog.html>

Poster Session

At lunch time, poster editors will be present to discuss their research project!

This session will be held from **12:00 p.m to 14:00 p.m** in the Patio space (1st floor) of the Collège Doctoral Européen (CDE) (46 Boulevard de la Victoire, 67000 STRASBOURG) . For more informations, please find the abstracts in the website <http://eost.u-strasbg.fr/stue/prog.html>

Prize for the best poster and the best presentation

After the presentations, we will count the votes for the best poster and the best presentation and give the prizes to the winners

After conference drinks and foods

Please join us at the **CDE** for a convivial moment after the sessions are finished.

Doctoral School Director speech.

Damien LEMARCHAND (from 08:20 to 08:30)

Session I.

from 08:30 to 10:00	Seismology and Geophysical Data Analysis
08:30 - 08:45 Emile Serra <i>Tomographic inference of V_p/V_s ratio and its physical interpretation in the mantle beneath Indonesia</i>	
08:45 - 09:00 Ali Mohand-Said <i>Joint inversion of electromagnetic and direct-current resistivity data</i>	
09:00 - 09:15 Estelle Neyrinck <i>The slow slip event cycle along the Izmit segment of the North Anatolian Fault</i>	
09:15 - 09:30 Zaur Bayramov <i>Active deformation in Caucasus & Northern Iran by seismicity and satellite geodesy</i>	
09:30 - 09:45 Bastien Wirtz <i>Tracking landslide terrain motion with very high resolution optical image time series</i>	
09:45 - 10:00 Rashad Abbasov <i>The effect of surface tension phenomenon on soil stability</i>	



Take a break (coffee, tea, pastries) from 10:00 to 10:30 a.m

Keynote.

from 10:30 to 11:15	Nicolas GRATIOT
<i>Lessons learnt from the coastal erosion in the Mekong Delta</i>	

Session II.

from 11:15 to 12:00	Geochemistry and Environmental Processes
11:15 - 11:30 Florian Labaude <i>What local contribution to national climate targets? A practical comparison between methods and criteria in Strasbourg</i>	
11:30 - 11:45 Adrien Saphy <i>Consequences of drought on nutrient biogeochemical cycle in forest soil: Approach by observation, experiment, and modelling</i>	
11:45 - 12:00 Jakob Samuel Popp <i>Transformation of Sulfamethoxazole and S-Metolachlor under river conditions</i>	

 **Lunch time and poster session**

(from 12:00 to 14:00)



Join us for a snack prepared by our caterer and take the opportunity to discuss and meet the PhD students and supervisors

Poster editors will present their work. You can ask questions and vote for the best posters.

Session III.

from 14:00 to 15:30	Geophysical Monitoring & Groundwater Studies
14:00 - 14:15 Guillaume Gru	<i>Global sensitivity analysis of a hydrogeophysical model coupling groundwater infiltration process and surface nuclear magnetic resonance</i>
14:15 - 14:30 Yunliang Wang	<i>Modeling the impact of seasonal water table fluctuations on ambient noise interferometry using acousto-elastic effect</i>
14:30 - 14:45 Flavien Mattern	<i>On the use of ambient seismic noise interferometry for groundwater monitoring in the Upper Rhine Graben, France</i>
14:45 - 15:00 Coraline Fuchs	<i>Mid-infrared spectroscopy in a multi-level karst system (Montmaurin, SW France): an innovative method for assessing sediment provenance</i>
15:00 - 15:15 Roxane Mathey	<i>How to date rifting thanks to vertical movements?</i>
15:15 - 15:30 Harmony Suire	<i>Mantle-melt interaction during mantle exhumation along the Iberia-Newfoundland conjugate margins: the role of mantle inheritance</i>



Take a break (coffee, tea, pastries) from 15:30 to 16:00.

Session IV.

from 16:00 to 17:00	Seismicity and Characterisation
16:00 - 16:15 Agata Poganj <i>Evidence for permeability heterogeneity in volcanic environments</i>	
16:15 - 16:30 Arezou Dodangeh <i>Injection-induced seismicity and geo-reservoir characterization: insights from the 2019-2020 Strasbourg seismic crisis and Robertsau fault</i>	
16:30 - 16:45 Rachit Gautam <i>Developing high-resolution seismic catalogue using single deep-borehole (2052 m) seismometer during the operational phase 2021 – 2022 at Balmatt geothermal site</i>	



Prize for the best poster and the best presentation

(from 16:30 to 17:00 p.m.)

We will count the votes for the best poster and the best presentation and give the prizes to the winners

After conference drinks and foods

(from 16:45 p.m. to 19:00 p.m.)

Please join us at the **CDE** for a convivial moment after the sessions are finished.