



Til: MN- fakultetsstyret

Sakstype: Vedtakssak
Saksnr.: 13/25
Møtedato: 11.03.2025
Notatdato: 20.02.2025
Saksbehandler: Trine-Lise Knudsen Gørbitz

Oppnevning av eksternt styremedlem – Institutt for geofag

Bakgrunn

Normalregler for institutter § 2-2 angir at eventuelle eksterne representanter til instituttstyret oppnevnes av fakultetsstyret.

Hovedproblemstillinger

Institutt for geofag har over tid hatt en ordning med eksternt styremedlem, og det bes nå at Dominik H. Lang oppnevnes for perioden 2025-2028. Lang har omfattende erfaring og ekspertise innen geofag, spesielt innen seismologi og naturfarevurdering.

Vedtaksforslag

Fakultetsstyret oppnevner Dominik H. Lang som ekstern representant og medlem i styret for Institutt for geofag for perioden 2025 – 2028.

Vedlegg

- Vedlegg 1: Notat til Instituttstyre ved Institutt for geofag v/ instituttleder
- Vedlegg 2: Referat fra Instituttstyre IG, 2_2025 , sak 13_2025
- Vedlegg 3: CV for Dominik H. Lang

Date: 12 februar 2025

Fakultetsstyret

NOTAT

Vi ønsker hermed å be om oppnevning av dr. Dominik Lang fra Norges Geotekniske Institutt (NGI) som eksternt styremedlem i styret til Institutt for geofag (IG) ved Universitetet i Oslo (UiO). Hans omfattende erfaring og ekspertise innen geofag, spesielt innen seismologi og naturfarevurdering, gjør ham godt kvalifisert til å bidra til instituttets strategiske utvikling. Institutt for geofag har et langsiktig samarbeid med NGI innen forskning og undervisning, og fortiden arbeider fire NGI-ansatte i bistillinger ved IG.

Dr. Lang innehar to doktorgrader innen hhv. jordskjelvprosesser og seismologi. Hans akademiske bakgrunn og forskningsresultater, bekreftet gjennom et betydelig publiseringsantall (over 120 fagfellelvurderte artikler), viser hans kompetanse innen relevante fagområder. Som direktør for naturfarer ved NGI har Dr. Lang overordnet ansvar for et betydelig fagmiljø, hvor han har ledet strategisk utvikling, forskning, og kommersialisering av ny teknologi. Hans ledererfaring vil være verdifull i å bidra til instituttets strategiske beslutningsprosesser. Med en aktiv rolle i internasjonale organisasjoner innen jordskjelv, som medlem av Norges nasjonale ekspertkomité for Eurocode 8 og styremedlem i internasjonale jordskjelvforeninger, bringer han med seg et omfattende internasjonalt nettverk som kan styrke instituttets globale samarbeid.

Dr. Dominik Langs kombinasjon av faglig dyktighet, ledelseserfaring, internasjonalt nettverk og innovasjonsevne gjør ham til en ideell kandidat for et eksternt styremedlem ved Institutt for geofag. Hans innsikt vil kunne bidra til å styrke instituttets posisjon som en ledende akademisk og forskningsinstitusjon innen geofag.

Med vennlig hilsen



Bernd Etzelmüller

Dr. scient., Professor, Institutt for geofag, Instituttleder



Sak 2025/13 Forslag til nytt eksternt styremedlem

<i>Sakstype:</i>	Orienteringssak
<i>Saksnr:</i>	2025/13
<i>Møtedato:</i>	13.02.25
<i>Saksbehandler:</i>	Trine-Lise K. Gørbitz

Dominik Lang fra NGI har sagt ja til forespørselen om å være eksternt styremedlem for Institutt for geofag i gjeldende periode (2025-28).

Vedtak:

Instituttstyret godkjenner innstillingen slik den foreligge, og ber instituttet om å sende saken videre til fakultetsstyret for endelig godkjenning

Curriculum vitae

Dominik H. Lang

Dr.-Ing. (PhD), Dr.philos., Dipl.-ing.

Personal data

Name:	Dominik H. Lang
Born:	April 26, 1974 in Leonberg (Germany)
Nationality:	German
Affiliation:	Norwegian Geotechnical Institute, 0855 Oslo, Norway
Phone:	(+47) 988 42 924 (cell)
Email:	dla@ngi.no
LinkedIn	no.linkedin.com/in/domlang
Google Scholar	h-index 22, i10-index 47
Researchgate	researchgate.net/profile/Dominik_Lang
ORCID iD	https://orcid.org/0000-0003-2182-2188

Professional career

Since Aug 2018	Director Natural Hazards, Norwegian Geotechnical Institute (NGI), Oslo, Norway
April 2015 – July 2018	Head of Department “Earthquake Hazard and Risk”, NORSAR, Kjeller, Norway
Jan 2009 – March 2015	Senior advisor, project manager, NORSAR
Jan 2007 – Dec 2008	Post-doc position, NORSAR
Aug 2004 – Dec 2006	Post-doc position at the Institute of Structural Engineering, Bauhaus-University Weimar, Germany
Jan 2000 – Dec 2006	Freelance consultant for <i>seismotec GmbH – Consulting Engineers</i> , Weimar, Germany
Oct 1998 – July 2004	Scientific assistant at the Institute of Structural Engineering, Bauhaus-University Weimar, Germany

Education

May 10, 2013	Disputation of higher doctoral degree (Dr. philos.) at the University of Bergen, Department of Earth Science
July 8, 2004	Disputation of PhD thesis in earthquake engineering/ engineering seismology, appointment to doctoral engineer (Dr.-Ing.) by Bauhaus-University Weimar (thesis developed in close collaboration with Middle East Technical University, Ankara, Prof. Dr. Polat Gülkan)
Sept 1998	Graduation in structural civil engineering, appointment to Dipl.-Ing. by Bauhaus-University Weimar
Oct 1993 – Sept 1998	Studied structural civil engineering at Bauhaus-University Weimar, Germany

Languages

German – mother tongue
English, Norwegian (bokmål) – fluent
French, Spanish – basic understanding, speaking, and writing

Academic and industry activities

Project management and industry-related activities (selection)

Since 2024	Member of the IRDR ICoE-Coherence International Advisory Board, Tokyo, Japan (Coherence among Disaster Risk Reduction, Climate Change Adaptation, and Sustainable Development)
Since 2022	Board member of the startup company EMerald Geomodelling AS, Oslo (www.emerald-geomodelling.com/)
2021 – 2023	Board member of the Centre for Research-driven Innovation (SFI) KLIMA2050 (www.klima2050.no/)
Since 2018	Strategic and financial responsibility of the market area Natural Hazards of approximately 75 permanent employees
2018 – 2019	Responsible for the commercialization of the innovation project AGI into the spin-off company EMerald Geomodelling AS (www.emerald-geomodelling.com/)
2012 – 2018	Key person for numerous proposals to the European Commission's FP7 (e.g. ALERT, VANGARDS, MURPHY, ASPERA) and Horizon 2020 program (RIA, IA) as WP lead (e.g. LiquefACT) or coordinator (e.g. ExTRANS, IRIS, HERMES, <i>in</i> CASE, DeRIVE, TurnKEY)
2012 – 2018	Key person for numerous proposals to Norges Forskningsråd as WP lead or coordinator (e.g. <i>INDNOR Geohazards</i> , <i>EURASIA</i> , <i>Petromaks2</i> , <i>FORNY</i>)
2012 – 2013	Consultant on disaster risk mitigation (Dushanbe, Tajikistan)
Jan 2012 – Dec 2015	Project Manager (Head PI) of a large research project on earthquake hazard and risk reduction in India and Bhutan (funded by the Royal Norwegian Embassy to India through the Research Council of Norway, (Prosjektnr. 219098/H30).
Jan 2010 – Apr 2011	Project Manager of a NFR-funded research project on the wireless monitoring systems for tunnels in Norway (Prosjektnr. 199733/I10, FORNY program)
2018	Inventor of broken rail detection methodology "A railway track condition monitoring system for detecting a partial or complete disruption of a rail of the railway track", Norwegian Industrial Property Office, Norwegian Patent No. 341972
2008 – 2009	Spin Doctor of WaveTrain (later commercialized into the company WaveTrain Systems AS – www.wavetrain.no), a cost-effective procedure to identify incoming trains at railroad crossings through seismics (pilot project financed by Norwegian Railroad Authorities)
2007 – 2010	Development of the Index-based Rapid Visual Screening procedure for structural and non-structural vulnerability assessment of schools and hospitals (1) considered as Best Practice Document by the Government of Assam, Northeast India, for seismic vulnerability assessment of schools and referred by other state disaster management authorities of India; https://www.darpg.gov.in/financialassistance/status-survey-hospital-school-buildings-guwahati-city-and-retrofitting-solutions) (2) adapted by Aga Khan Development Network – Disaster Risk Mitigation Initiative (AKDN–DRMI) for evaluation of building facilities in Central and South Asia
2007 – 2011	Spin Doctor and Project Manager of THeAM – Tunnel Health Monitoring , a cost-effective procedure to identify cracks in tunnel

since January 2007	rocks through predefined shear wave excitation Extensive work experience in research and collaboration projects as well as consulting contracts in Central America (focus on Nicaragua, El Salvador, Guatemala), India, Bhutan, Spain, Central Asia (Kyrgyzstan, Tajikistan) (between 3–4 months travel time per year)
Jan 2008 – Mar 2009	Project Manager of a NFR-funded research project on the seismic monitoring of tunnels in Norway (Prosjektnr. 187248/I10, FORNY program)
Sept 2004 – Dec 2006	Project manager of a Turkish-German-Swiss joint project on seismic risk assessment and mitigation in the city of Antakya, Hatay (Turkey)

Scientific activities

Since November 2023	Editorial Board Member, ISET Journal of Earthquake Technology
since December 2016	member of expert committee SN/K 063 "Jordskjelvlaster", Norway's national expert committee for Eurocode 8
July 2016 – July 2018	member of <i>Norsk Geofareråd</i> (representing Stiftelsen NORSAR)
June 2016 – July 2018	national representative of Norway in GEM's Governing Board (appointed by the Research Council of Norway); www.globalquakemodel.com
since 2014	national representative of Norway in the International Association of Earthquake Engineering (IAEE)
since 2014	board member of the Norwegian Society of Earthquake Engineering (<i>Norsk Jordskjelvteknisk Forening</i>)
2009 – 2012	member of WHE PAGER project steering committee
since 2021	Member of the Executive Committee of EERI/IAEE's World Housing Encyclopedia (http://www.world-housing.net/)
2017 – 2021	Chair of the Executive Committee of EERI/IAEE's World Housing Encyclopedia (http://www.world-housing.net/)
2008 – 2017	Associate Editor of EERI/IAEE's World Housing Encyclopedia (http://www.world-housing.net/)
since January 2007	co-developer of the Seismic Risk and Loss Estimation Software SELENA
Sept 2007 – 2010	developer of the GoogleEarth-based software <i>R/Se</i> – Risk Illustrator for SELENA
April – June 2004	visiting scientist at USGS Menlo Park, United States (instrumental measurements at strong-motion sites in Central and Southern California)
1997 – 2003	numerous field missions to Venezuela and Turkey with German Task Force for Earthquakes, responsible for strong-motion instrumentation (aftershock monitoring), site response studies, and structural damage documentation

Affiliations

Norwegian Geotechnical Association NGF (since 2018)
Indian Society of Earthquake Technology (since 2011)
Norwegian Society of Earthquake Engineering (since 2009)
Earthquake Engineering Research Institute (United States) (since 2000)
German Society of Earthquake Engineering and Structural Dynamics (DGEB) (since 1997)
German TaskForce for Earthquakes (1997–2007)

Publications

Author and co-author of more than 120 papers to professional journals and conferences.