

Supervisors from Chemistry (CHE)¹

Supervisor name:	Daniela M. Pampanin
Email address:	Daniela.m.pampanin@uis.no
Supervisor research profile (incl URL):	Ecotoxicologist https://www.uis.no/en/research/ecotoxicology-and-environmental-monitoring
Department name and brief description (incl URL):	Department of Chemistry, Bioscience and Environmental Engineering is focused on research, innovation and education in the natural and life sciences. Our research strategy is to progress scientific knowledge and applications within the fields of one health and the circular society.
Supervisor's interested research topics in Postdoctoral Fellowship:	Impact of pharmaceuticals, their presence and effects in the aquatic environment and/or in wastewater treatment plants, including challenges related to antibiotics. Synergy with ongoing research projects in the group is foreseen, including an EU project entitled PHARMASEA. https://www.jpamr.eu/projects/pharmasea/
Supervisor name:	Gopalakrishnan Kumar
Email address:	Gopalakrishnan.kumar@uis.no
Supervisor research profile (incl URL):	https://scholar.google.com/citations?hl=en&user=q8Gi0MAAAAJ&view_op=list_works&authuser=1
Department name and brief description (incl URL):	Department of Chemistry, Bioscience and Environmental Engineering (IKBM) Chemistry and Environment Group has a dynamic researcher and mainly interested and pioneering on various directions with a strategic view of " Circular Society " or " Circular Economy ". The major topics of research areas covered are Wastewater treatment Biopolymer (PHAs) production; Anaerobic Digestion/fermentation; PHAs synthesis and applications Waste and Biomass valorization; Algal biotechnology Green and sustainable chemistry
Supervisor's interested research topics in Postdoctoral Fellowship:	Circular bioeconomy; Waste valorisation; solid waste treatment, bioenergy/biochemical production from biomass/waste

¹ Names in alphabetical order

Supervisor name:	Sachin Maruti Chavan
Email address:	Sachin.m.chavan@uis.no
Supervisor research profile (incl URL):	<p>Sachin Chavan is associate professor in the Department of Chemistry, Bioscience and Environmental Engineering at UIS. His research is mainly focuses on synthesis, characterisation and testing of MOFs for adsorption driven separation processes. He has worked in four EU projects, three Norwegian national research projects and two innovation and commercialization of R&D results projects. He has 43 publications in leading international peer-reviewed journals (Scopus h-index 29), one book chapter, three patents, and an "idea" price for the development of green synthesis for synthesis of nanomaterials. His group currently have 3 PhD and 1 researcher.</p> <p>https://www.uis.no/en/profile/sachin-maruti-chavan</p>
Department name and brief description (incl URL):	<p>Department of Chemistry, Bioscience and Environmental Engineering provides education in chemical engineering, environmental engineering, and biotechnology. The research at the department is spread over several disciplines. The department is well equipped with chemical laboratories host several instruments (Infrared, NMR, UV-visible-spectrophotometer, TGA, DSC, HPLC, LC-MS) for chemical analysis. In addition, instruments such as X-ray diffractometer, Raman, scanning electron microscope (SEM), Transmission microscope (TEM), volumetric gas sorption apparatus and membrane test facility is available at the premise. We also use large synchrotron radiation facility ESRF in France and Max IV in Sweden for material characterisation.</p>
Supervisor's interested research topics in Postdoctoral Fellowship:	The topic for research is developing Metal-organic frameworks for application such as carbon capture, hydrogen purification, catalysis, pollutants removal and metal recovery.

Supervisor from Information Science and Engineering (ENG)

Supervisor name:	Gianfranco Nencioni
Email address:	gianfranco.nencioni@uis.no
Supervisor research profile (incl URL):	<p>He is the leader of the Computer Networks (ComNet) Research Group and the principal investigator of 5G-MODaNel, project funded by the Norwegian Research Council. His research interest includes the use of mathematical modelling, optimization, and machine learning for the resource allocation in emerging network</p>

	<p>technologies by having various targets, including dependability and energy efficiency.</p> <p>https://www.uis.no/en/profile/gianfranconcioni</p>
Department name and brief description (incl URL):	<p>Department of Electrical Engineering and Computer Science (IDE) has research in computer technology, signal processing and cybernetics. It has several research groups and other interdisciplinary research collaborations. It has great expertise in artificial intelligence and has gathered this investment in the Stavanger AI Lab network.</p>
Supervisor's interested research topics in Postdoctoral Fellowship:	<p>The interested research topics include (but are not limited to) the evolution of the topics in 5GMODaNeI project towards beyond 5G and 6G:</p> <ul style="list-style-type: none"> • The resource allocation by using artificial intelligence (e.g., reinforcement learning) in 6G networks, including edge computing. • The modelling of dependability and security in 6G networks. • The development of a testbed for the management and orchestration in 6G networks.

Supervisors from Social Sciences and Humanities (SOC)

Supervisor name:	Alexandre Dessingué, Professor
Email address:	alexandre.dessingue@uis.no
Supervisor research profile (incl URL):	<p>I am a memory scholar and have been working in different fields like in cultural history, cultural memory studies, history education and critical literacy/awareness. I am interested in the ways history and more generally the past is (mis)used in societies, this includes the study of memory, the (des)construction of identities, the study of historical consciousness/critical literacy and history education.</p> <p>www.uis.no/nb/profile/alexandre-dessingue www.futurepasts.org</p>
Department name and brief description (incl URL):	<p>This position will be organisationally affiliated to the Faculty of Arts and Education, Department of Languages and Cultural Studies (IKS). At IKS, research and teaching in history and history education are conducted for students at undergraduate degree (BA), master's degree in History Education, lecturer's education for 8th-13th grade and at doctoral level (Ph.D. in Literacy Studies and PhD in Educational Sciences).</p> <p>This position will be part of the Future-Pasts Research Group at IKS and of its international network, which</p>

	focuses on research within History Education, Public History, Uses of History, Historical Literacy and Cultural Memory Studies. This research group is interested in the study of various forms of uses, representations and understandings of the past articulated by individuals or groups and in the preconditions these representations shape for the future.
Supervisor's interested research topics in Postdoctoral Fellowship:	Critical thinking in education; Critical awareness/consciousness; History education; Historical and critical consciousness; Uses and misuses of history; Cultural Memory studies
Supervisor name:	Arne Jakobsen
Email address:	arne.jakobsen@uis.no
Supervisor research profile (incl URL):	https://www.uis.no/nb/profile/arne-jakobsen
Department name and brief description (incl URL):	Department of Education and Sports Science
Supervisor's interested research topics in Postdoctoral Fellowship:	Mathematical Knowledge for Teaching; Mathematics Teachers Professional Development; Lesson Study among mathematics Teachers
Supervisor name:	Daniela Müller-Eie
Email address:	Daniela.mueller-eie@uis.no
Supervisor research profile (incl URL):	<p>My research interest is urban sustainability, in particular, sustainable urban development and related planning measures and the assessment of their effectiveness. I focus on individual behaviour and factors for behaviour change, particularly in terms of mobility and travel behaviour. The main questions of interest are "what are the main barriers and drivers for achieving more sustainable, liveable and just urban mobility?" and "which are effective incentives to implement for travel behaviour change?".</p> <p>I have also studied urban spatial quality and how it affects quality of life, with particular focus on developing methods that apply georeferencing of subjective user perceptions.</p> <p>https://www.uis.no/nb/profile/daniela-muller-eie</p>
Department name and brief description (incl URL):	<p>Department of Safety Economics and Planning</p> <p>I work at the Department of Safety Economics and Planning at UiS, where I belong to the group within city and regional planning. The department is among other involved in interdisciplinary research within urban planning and design, and transport and mobility.</p>

Supervisor's interested research topics in Postdoctoral Fellowship:	We are a growing group of researchers studying sustainable urban mobility, travel behaviour change and smart mobility. Main questions of interest are on: <ul style="list-style-type: none"> • Barriers and drivers for sustainable urban mobility • Effectiveness of different mobility strategies (e.g. personal travel planning, smart mobility, multi-modality, bicycle programs, etc.) • Impact of reduced car use on urban environment and use, climate, health, safety, and quality of life
Supervisor name:	Frode Skarstein
Email address:	Frode.skarstein@uis.no
Supervisor research profile (incl URL):	My research interests are found in sustainability education (SE) , with a special interest in how to approach issues of values/ideology and uncertainty in SE. My current research projects touch upon issues such as: <ul style="list-style-type: none"> - how do student teachers' ideological and epistemological convictions within sustainability education shape and are shaped by their beliefs in science. - how to approach issues of inherent kinds of uncertainty in sustainability education. - SSI and inquiry-based approaches to sustainability education. http://uis.no/frode.skarstein https://www.researchgate.net/profile/Frode-Skarstein
Department name and brief description (incl URL):	Department of Education and Sports Science is engaged in comprehensive research and development work related in the field of education, where core areas are educational science, subject didactics, special needs education and sports science. The Department's researchers cooperate with other areas at the UiS, have key roles in Norwegian networks and engage in international research and educational cooperation with institutions in a number of countries.
Supervisor's interested research topics in Postdoctoral Fellowship:	Any aspect of sustainability education, but of particular interest are the topics listed above.
Supervisor name:	Prof. Hande Eslen-Ziya
Email address:	hande.eslen-ziya@uis.no
Supervisor research profile (incl URL):	https://www.uis.no/en/profile/hande-eslen-ziya https://stavanger.academia.edu/HandeEslenZiya

Department name and brief description (incl URL):	Institute of Media and Social Sciences
Supervisor's interested research topics in Postdoctoral Fellowship:	Populism, anti-science; anti-gender movements; counter movements (men's movement, anti-climate change; anti-vaccine; anti-science mobilisation.
Supervisor name:	Finn Arne Jørgensen
Email address:	finn.a.jorgensen@uis.no
Supervisor research profile (incl URL):	https://www.uis.no/nb/profile/finn-arne-jorgensen , https://finnarne.net
Department name and brief description (incl URL):	Department of Cultural Studies and Languages; The Greenhouse
Supervisor's interested research topics in Postdoctoral Fellowship:	Environmental history; digital environmental humanities; green transition; waste and recycling; environmental citizenship
Supervisor name:	Olga Gjerald
Email address:	olga.gjerald@uis.no
Supervisor research profile (incl URL):	Olga Gjerald is Associate Professor in Service Management at the Norwegian School of Hotel Management, University of Stavanger, Norway. She holds a PhD in Leadership from the University of Stavanger. Her main research interests include service organization, hospitality and tourism employment, visitor experiences in hospitality and tourism and tourism impacts. Gjerald has published in highly ranked academic journals in the tourism and hospitality field: <i>International Journal of Hospitality Management</i> (IF 9,2; A+), <i>Tourism Management Perspectives</i> (IF 6,6; A), <i>International Journal of Contemporary Hospitality Management</i> (IF 6,5; A), as well as in other internationally recognized journals. Being part of international research group on Work inclusion in hospitality and tourism (WITH), Gjerald received a grant from the Nordic Research Funding Initiative on Sexual Harassment at Work (673 000 DKK) in January 2022. The project will take stock and generate knowledge about the current situation in Norway, Sweden and Iceland concerning preventive practices of sexual harassment in hospitality. Gjerald's research interest also lies in tourism overcrowding in the context of visitor attractions and peer-to-peer accommodation platforms. Gjerald is a member of Nordic Society for Tourism and Hospitality Research. In addition to her research work experience, Gjerald has extensive knowledge of and work experience in the tourism and hospitality industry (as guide, hotel employee and sales and marketing manager). Gjerald has also experience in

	<p>North-South Exchange facilitated by NOREC/ FK Norway Fredskorpset (Norwegian Peace Corps) to Madagascar, where she worked on developing a bachelor program in sustainable tourism.</p> <p>ORCID: https://orcid.org/0000-0001-8026-4898 CRISTIN: https://app.cristin.no/persons/show.jsf?id=331935 GOOGLE SCHOLAR: https://scholar.google.com/citations?user=RXp1QOcAAA&hl=no&inst=1988774760445575293&oi=ao</p>
Department name and brief description (incl URL):	<p>The Norwegian School of Hotel Management introduced its first Hospitality program in 1912. Today the school is a part of the University of Stavanger and have about 470 students in its programmes. The Norwegian School of Hotel Management offers bachelor programmes in hotel management and tourism management, a master programme in Service leadership in international business and PhD programmes in management, economics and tourism. The school is cooperating with universities all over the world for student and teacher exchange programmes and offers exchange programmes in English. Students from more than 40 nations from all over the world are studying at the Norwegian School of Hotel Management.</p>
Supervisor’s interested research topics in Postdoctoral Fellowship:	<p>Hospitality and tourism employment, decent work in tourism and hospitality, work inclusion, visitor experiences, tourism impacts, overcrowding, peer-to-peer accommodation platforms, pro-environmental behavior, green nudging, responsible tourism</p>
Supervisor name:	Siddharth Sareen, Associate professor in energy and environment
Email address:	siddharth.sareen@uis.no
Supervisor research profile (incl URL):	<p>See https://www.uis.no/en/profile/siddharth-sareen , https://www.uib.no/en/persons/Siddharth.Sareen , https://scholar.google.no/citations?user=sCYAEe0AAAAJ&hl=en , and https://twitter.com/sidsareen?lang=en</p>
Department name and brief description (incl URL):	https://www.uis.no/en/about-uis/department-of-media-and-social-sciences
Supervisor’s interested research topics in Postdoctoral Fellowship:	<p>My research spans the governance of energy transitions across the value chain, from extractive zones to household energy practices. I have a special interest in multi-scalar solar energy, urban transport decarbonisation, energy flexibility, digitalisation, and electricity distribution. My team works within the</p>

	<p>interdisciplinary energy social sciences, with emphasis on human geography, political ecology and development research, and generative overlaps with the environmental humanities. Conceptual interests include accountability, metrics, governance across scales, and social equity and inclusion. I tend to work with relational approaches and a broad range of qualitative methods.</p>
Supervisor name:	Sigrun K. Ertesvåg
Email address:	sigrun.ertesvag@uis.no
Supervisor research profile (incl URL):	<p>Sigrun K. Ertesvåg is a Professor of Educational Psychology and Head of Research at Norwegian Center for Learning Environment and Behavioral Research in Education (The Learning Environment Center).</p> <p>Ertesvåg does research on teacher-student interaction, implementation and process evaluation (IPE), and bullying. She has been Principal Investigator in several large-scale research projects, funded among others, by the Norwegian Research Council. Current studies include investigation of the implementation process in large scale randomized controlled trials to examine why, or why not, and for whom, the interventions work. Moreover, studies of aspects of teacher-student interaction quality and its impact on student engagement.</p> <p>University of Stavanger profile: https://www.uis.no/nb/profile/sigrun-karin-ertesvag ORCID https://orcid.org/0000-0001-7804-8571</p>
Department name and brief description (incl URL):	<p>Norwegian Centre for Learning Environment and Behavioural Research in Education (Centre for Learning Environment) is both a research centre and a National Education Centre, assisting the national educational authorities in their work to implement the national educational policy in preschools and schools in Norway.</p>
Supervisor's interested research topics in Postdoctoral Fellowship:	<p>Teaching quality, teacher-student interaction, systematic observation.</p> <p>Ertesvåg is principal investigator of a project on Enhancing Upper Secondary Students' Engagement and Learning through Video-based Professional Development on Teaching Interactions https://www.uis.no/en/research/interact</p> <p>Projects that are topically related to the ongoing study is particularly welcomed.</p>

Supervisor name:	Thomas Sattich
Email address:	Thomas.sattich@uis.no
Supervisor research profile (incl URL):	<p>Thomas Sattich holds a PhD in Political Science and Economics.</p> <p>The focus of his research is on the international implications of the sustainability transition. This includes international energy relations and industrial policy, the European Union, and Norway, the Baltic Sea region and China.</p> <p>His methodological skills include qualitative methods, mixed methods, and work with descriptive statistics and data visualization. Moreover, Thomas has experience with Qualitative Comparative Analysis QCA.</p> <p>Thomas is leading a project to develop a digital learning tool funded by the Erasmus+ programme. In addition, he is work package leader in the Advanced Gas and Carbon Dioxide Storage in Aquifer project (AGaStor, EEA grant), a cross-disciplinary research effort to facilitate the use of CO2 in Underground Natural Gas Storage (UNGS).</p> <p>https://www.uis.no/nb/profile/thomas-michael-sattich https://orcid.org/0000-0002-9192-1053</p>
Department name and brief description (incl URL):	IMS : A diverse, rapidly developing institute with a focus on sustainability
Supervisor's interested research topics in Postdoctoral Fellowship:	Energy transition, innovation ecosystems, hydrogen, energy innovation, shipping sector, blue economy, mining, political science, European Green Deal
Supervisor name:	Tyson Retz
Email address:	tyson.retz@uis.no
Supervisor research profile (incl URL):	<p>History of ideas / intellectual history</p> <p>https://wo.cristin.no/as/WebObjects/cristin.woa/wa/personVis?type=PERSON&pnr=1006363&la=no&instnr=217</p>
Department name and brief description (incl URL):	<p>Department of Cultural Studies and Languages, University of Stavanger</p> <p>https://www.uis.no/en/profile/tyson-ashley-retz</p>
Supervisor's interested research topics in Postdoctoral Fellowship:	<p>History of environmental ideas and philosophies; History of environmental politics and movements; History of the "growth paradigm" (economic and political ideologies); History in the Anthropocene – theory and method</p>