



Social and Environmental Geographer

specialised in risk assessment of social-ecological systems, communities' adaptations to environmental changes, local ecological knowledge, sustainable development, public participation in river management, political ecology and nature-based solutions

Dr. Emilie CREMIN

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Ph.D. 2014

**Carrier break for 2 kids:
2016 and 2019**

Profile:

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ORCID

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Management

- Lead in research projects
- Collaborate across institutions
- Coordinate publications
- Organise events
- Budget management

Research

- Systematic literature review
- Qualitative and quantitative
- R, GIS, InVEST, Remote sensing
- Filming and video editing

Languages

French, Polish: Native

English, Spanish: Fluent

Hindi, Bengali, Russian:

Notions

Research Curriculum

2023 to present: Research coordinator of the ENGAGE 4 Sundarbans SOR4D project funded by Solution-oriented Research for Development (SOR4D) programme, a joint funding instrument between the Swiss Agency for Development and Cooperation (SDC) and the Swiss National Science Foundation (SNSF).

AIM: Project coordination

METHODS: Risk assessment, agro-ecological experimentations lead by farmers

RESPONSABILITIES: Website and research management

OUTPUT: <https://engage4sundarbans.org/> (to date all output are uploaded on the website)

IMPACT: Support the development of sustainable solutions with farmers

2020 to present: **Post-doc Research associate on Project Living Deltas Hub** <https://livingdeltas.org/>

Funded by the UKRI – GCRF Grant n°NE/S008926/1 (15 M£)
University of Glasgow, School of Interdisciplinary studies

AIM: Assessing risks in river deltas

METHODS: Impact chains, Global Delta Risk Index, GIS

RESPONSABILITIES: Lead the Risk Assessment working group, contribute to WP4, collaborate with WP2 and WP5

OUTPUT: [COP26 research report](#)

CREMIN, E., O'CONNOR J., BANERJEE S., BUI L. H., CHANDA A., HONG HUA H., VAN HUYNH D., THI VAN HUE LE, MURSHED S., MASHFIQUSS., VUA., SEBESVARIZ., LARGE A., RENAUD F.G., accepted, Aligning the Global Delta Risk Index with SDG and SFDRR Global frameworks to assess risk to socio-ecological systems in river deltas, Sustainability Science, Springer. <https://link.springer.com/article/10.1007/s11625-023-01295-3>

IMPACT: Inform policy makers in river deltas and improving the integration of communities' knowledge in risk planning

2022 to Present: **Post-doc Research associate on Project Operandum** <https://www.operandum-project.eu/>

funded by EU Horizon 2020 research and innovation programme
Grant N° 776848

University of Glasgow, School of Interdisciplinary studies

AIM: Assessing risks in coastal areas and benefits from Nature-based solutions

METHODS: Index based assessment, INVEST model, GIS

RESPONSABILITIES: Research on coastal vulnerability in Emilia Romagna (Italie)

OUTPUT: Deliverables and journal paper in process

IMPACT: Inform policy makers on the benefits of Nature-based solutions

2017 Research Associate **Project: Phuoc Hoa development project, Đông Nai-Saigon River basin**

École Française d'Extrême Orient, Ho Chi Minh, Vietnam

Agence Française de Développement, Vietnam

AIM: Analyse local water governance and institutions processes

METHODS: stakeholders' interviews, video recording

RESPONSABILITIES: conducted fieldwork interviews, co-directed the production of a 30 min documentary movie

OUTPUT: [“The concept of Water governance put to test: Phuoc Hoa water project”](#)

IMPACT: Improve water users' participation in canals management

2015 to 2016 **Post-doc Research Associate on Project**

Chair: Environmental capital and sustainable river management, University of Limoges

Project: Citizen's perceptions of the River Dordogne,

AIM: Analyse public participation in river's management

METHOD: 5 public workshops, 1 conference of experts

RESPONSABILITIES: Project coordination, lead a special issue on "[The democracy of water territories](#)" in Revue Participations

OUTPUT: 2 published articles in a peer reviewed journal, directed a 1h movie: "[Dordogne River seen by its inhabitants](#)",

conferences: American Association of Geographers, I.S. Rivers

PAPERS in peer reviewed journals:

CREMIN, E., LINTON James, Natacha JACQUIN, 2018, L'égimité des savoirs citoyens dans la gestion des cours d'eau, In : Participations. <https://doi.org/10.3917/parti.021.0117>

CREMIN, E., LINTON James, Natacha JACQUIN (coord.), 2018, « Introduction : Les formes alternatives de participation », numéro spécial de la revue Participations,

<https://doi.org/10.3917/parti.021.0005>

IMPACT: 5 movie screening fostering debates between River management authorities and the public

2008-2014 **Ph.D. in GEOGRAPHY** with awarded 3 years Grant funded by the Ministry of Higher Education Paris 8 University, UMR 7533 LADYSS (France)+ ANR Project grant "Brahmaputra Studies" UPR 299 Centre for Himalayan Studies, CNRS

Thesis: "[Between mobility and sedentarity: 'river people' livelihood facing the dikes of the Brahmaputra \(Assam, North-East India\)](#)"

AIM: Analyse communities' adaptations to River's dynamics

METHODS: field survey, 18-month in India, remote sensing, GIS.

OUTPUT: 5 published articles in French peer reviewed journals,

2 book chapters in English and 1 book chapter in French

Video documentary: "[On the Brahmaputra's River banks](#)"

PAPERS in peer reviewed journals:

CREMIN, E., 2020, « Construction de l'identité tribale et revendications territoriales des *Miri-Mising* au Nord-est de l'Inde », *Espace populations sociétés* [En ligne], 2020/1-2 | 2020, mis en ligne le 15 juin 2020, consulté le 30 novembre 2020. En ligne : <http://journals.openedition.org/eps/9781>: <https://doi.org/10.4000/eps.9781>

CREMIN, E. 2020, « Adaptations agroécologiques et mobilités face aux aléas hydromorphologiques et aux contraintes foncières dans la plaine alluviale du Brahmapoutre (Assam – Inde) », *Les Cahiers d'Outre-Mer* [En ligne], 281 | Janvier-Juin, mis en ligne le 03 janvier 2024, consulté le 14 décembre 2020. En ligne : <http://journals.openedition.org/com/11263> ; DOI :

<https://doi.org/10.4000/com.11263>

CREMIN, E., 2017, Entre mobilité et sédentarité : les Mising, « peuple du fleuve », face à l'endiguement du Brahmapoutre en Assam (Inde du Nord-Est). Résumé de la thèse. In : Mappemonde, numéro 119, Images. <http://mappemonde.mgm.fr/119img2/>

CREMIN, E. & HOLLE, A., 2015, Les villes et les campagnes en Assam : des destins contraires ? Cities and Countryside in Assam: opposite destinies? In: Revue Echogéo. Numéro spécial : Le grand écart spatial de l'Inde / India's spatial splits

<https://doi.org/10.4000/echogeo.14233>

CREMIN, E., 2011, Endiguement du Brahmapoutre et risques hydrologiques dans les territoires de la tribu Mising (subdivision de Dhakuakhana, Assam, Nord-est de l'Inde), Vertigo – la revue électronique en sciences de l'environnement, Hors-série 10 | December 2011: <https://doi.org/10.4000/vertigo.11417>

2006-2007 **Master in local Development Paris 1** with awarded 6 month Grant by department du Val d'Oise.

Internship at the French Embassy in Bolivia

2005-2006 **Master in Research in Geography- University Paris 8** with awarded 6 month Grant by department du Val d'Oise, Mairie de Montmorency: Impact of Large dam's construction on the Narmada River (India)

PAPERS in peer reviewed journals:

CREMIN, E., 2009, « Les temples de l'Inde moderne » : un grand barrage dans un lieu saint de la Narmada (Madhya Pradesh), Géocarrefour, vol. 84/1-2, 2009, <https://doi.org/10.4000/geocarrefour.7252>