



Stockholm
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Resilience Centre



European Research Council
Established by the European Commission

Call for expressions of interest in Postdoctoral position:

Data driven analysis of the cascading social and environmental impacts of emerging infectious diseases and agricultural pests.

This is a call for expression of interests in conducting a postdoctoral study in the ERC project INFLUX focusing on cascading dynamics of emerging pests and pathogens, such as emerging infectious diseases or agricultural pathogens and pests.

Interested applicants should contact contact Peter Sogaard Jørgensen (peter.sogaard.jorgensen@su.se), Theme Leader at Stockholm Resilience Centre to discuss the potential focus of the position. The position will be formally advertised once one or more suitable candidates have been identified.

Project description and main responsibilities

The Postdoctoral Researcher will join a European Research Council starting grant project *INFLUX: Emerging pests and pathogens as a novel lens for unravelling social-ecological cascades*. Emerging pests and pathogens (EPPs), such as emerging infectious diseases in humans, plants or livestock and agricultural insect and plant pests are an increasingly disruptive force to human society that can cause large-scale social and ecological change. INFLUX aims to understand how shocks and governance challenges associated with EPPs cascade across time, space, and scales in social-ecological systems and how EPPs can be governed for positive outcomes for sustainable development.

The Postdoc will play a central role in the project as they will work across its more focused activities to produce synthetic high-quality research outputs and help with co-supervision of PhD students. As part of these activities they will also have a leading role in building a comparative database for studying social-ecological cascades across different forms of EPPs. Examples of research topics may include comparative studies of the drivers of EPPs, the cascading impacts of EPPs, governance of EPPs, and transformative responses and preventive approaches to EPPs.

Applicants should ideally have a strong analytical skillset including methods such as network analysis and natural language processing. Existing research experience or knowledge about one or more groups of EPPs is beneficial but not required. Applicants must hold a doctoral degree completed at latest before the employment is made, but no more than three years before the closing date.

Contact for questions: Peter Sogaard Jørgensen, peter.sogaard.jorgensen@su.se, telephone: +46 72 143 8288.

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