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## Position Announcement

### **André Hoffmann Fellow: Innovations for Small-Scale Fisheries and Aquaculture**

**Stanford**

Center for  
Ocean Solutions

The World Economic Forum (with the Friends of Ocean Action) and Stanford University seek a Hoffmann Fellow for a two-year joint appointment for work at the intersection of society, science, and technology. The Fellow will be based jointly at the World Economic Forum's Center for the Fourth Industrial Revolution in San Francisco, California, which is dedicated to addressing the possibilities and challenges posed by the rapid pace of technological innovation in the Fourth Industrial Revolution, and Stanford's Center for Ocean Solutions ("COS"), which is focused on spurring innovation to sustain the resilience of the ocean and the people who depend on it.

#### **Hoffmann Fellowship Program**

The André Hoffmann Fellowships for the Fourth Industrial Revolution urge early-career scholars focused on environment, as well as other areas where technology, society, and policy intersect, to take an active role in shaping the world of tomorrow by being embedded in the projects run by the Forum. The fellowship develops a crucial link between primary research undertaken in top higher education institutions and the Forum's public-private collaborations on emerging technologies.

This Fellowship is designed to draw on and enhance the academic and professional skills of an early career researcher by creating a unique opportunity to work across a broad range of actors and disciplines to forge enduring solutions to the greatest challenges facing the ocean. Over the course of the two-year term, the Fellow will help build and drive intensive collaborations among Forum and Stanford partners to deliver specific ocean outcomes through research and active engagement with Forum partners. This will include leaders from the private sector, governments, international organizations, and civil society, and faculty from diverse disciplines at Stanford.

The Forum and Stanford are committed to providing each Fellow with appropriate training and mentorship, including participation in select Forum events, and access to special leadership and communications workshops, courses, and one-on-one training provided through the Stanford Woods Institute for the Environment.

#### **About the Project**

Small-scale fisheries and aquaculture (SSFA) are of central importance to the Friends of Ocean Action work on Nourishing Billions. SSFA produce two-thirds of the aquatic foods that we eat, while providing livelihoods and income for over 100 million people. SSFA are diverse, varying in their connection to global markets, their degree of specialization, the inputs and assets they require, and potential management and innovation pathways. New and emerging data and technology has the potential to help SSFA manage their resources and access markets. The Hoffmann Fellow will explore how technology and data could be used in different contexts and the roles that governments, seafood companies, and other actors might play in scaling application. The Hoffmann Fellow will contribute to this initiative while jointly reporting to Kristian Teleki, Director of the Friends of Ocean Action at the World Economic Forum and to Jim Leape, Senior Fellow at the Stanford Woods Institute for the Environment.

## **Preferred Requirements and Experience**

- Received a J.D., M.B.A., or Ph.D. in a related field in the last three years;
- Demonstrated interest and experience in ocean science or policy, as well as in data science and technology;
- Experience working in or collaborating with the public and private sectors;
- Strong written and verbal communications skills and fluency in English; and
- Superlative inter-personal skills; self-starter, with the ability to work independently and as a member of a team, and to manage multiple projects simultaneously.

## **Key Responsibilities**

The Hoffmann Fellow will work with Forum and COS staff to:

- Identify and develop initiatives to bring technology to bear on solving important ocean problems;
- Engage Forum partners in business, government, civil society, and researchers at Stanford and other academic institutions in building selected initiatives, developing solutions, and taking those solutions into implementation; and
- Undertake research on key ocean challenges and the potential to draw on Fourth Industrial Revolution innovations to provide solutions.

## **About the World Economic Forum**

The World Economic Forum, committed to improving the state of the world, is the International Organization for Public-Private Cooperation. The Forum engages the foremost political, business and other leaders of society to shape global, regional and industry agendas. The Forum hosts 18 platforms for advancing public-private cooperation on a range of global, regional and industry issues. The Platform for Global Public Goods facilitates and stimulates [public-private collaboration on global environmental and public good issues](#). The Centre for the Fourth Industrial Revolution is a hub for global, multistakeholder cooperation to develop policy frameworks and advance collaborations that accelerate the benefits of science and technology.

## **About the Friends of Ocean Action**

Friends of Ocean Action is a unique, informal group of over 65 ocean leaders who are fast-tracking solutions to the most pressing challenges facing the ocean. Its members – the Friends – come from business, civil society, international organizations, science and technology. The mission of Friends of Ocean Action is to use knowledge, means and influence to help the international community take the urgent steps needed to “conserve and sustainably use our ocean, seas and marine resources for sustainable development” (SDG14).

## **About the Stanford Center for Ocean Solutions**

Stanford Center for Ocean Solutions (COS) creates innovations that can help sustain the resilience of the ocean and support the communities that depend on ocean resources. It draws upon expertise and research across the broad array of disciplines at Stanford – including ocean sciences, political science, computer science, engineering, business, and law – that are important to solving ocean problems. COS forges collaborations with government, private sector, and non-profit partners to identify crucial problems and opportunities, create solutions, and translate them into action. COS is part of the Stanford Woods Institute for the Environment.

## **Duration and Location of the Fellowship**

- The André Hoffmann Fellowship is two years in duration and Fellows are asked to commit full time to the role.
- The Hoffmann Fellow will be working in collaboration with the Forum, the Friends of Ocean Action, the C4IR and the University. Depending on the locations, they will split up their time accordingly. In-person work requirements will follow state and local COVID restrictions while in place.
- A successful candidate for the Hoffmann Fellowship is aware of these fellowship residence requirements and agrees to abide by them.

*The World Economic Forum and Stanford University are equal opportunity employers and all qualified applicants will receive consideration without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, veteran status, or any other characteristic protected by law.*

## **To Apply**

Send the following package to [HoffmannFellow@stanford.edu](mailto:HoffmannFellow@stanford.edu)

- Curriculum Vitae
- Personal statement (maximum 2 pages) addressing:
  - Your past academic research and relevant work experience;
  - Any involvement in broader impact activities relevant to the scope of the Hoffmann Fellowship (ocean science, policy, data and technology);
  - Why you are interested in the Hoffmann Fellowship and how you envision it furthering your career; and
  - How your skills, expertise and networks can help drive this project forward.
- Contact information for three references, with at least one reference who can speak to your broader impact activities

Term Period is 24 months. Applications will be reviewed on a rolling basis with the application review beginning on October 1<sup>st</sup>, 2021.