

The Postdoctoral Fellowship

Peking University (PKU) and the International Institute for Applied Systems Analysis (IIASA) have launched the PKU-IIASA International Postdoctoral Fellowship Program, aimed at training highly qualified early-career postdoctoral researchers to carry out research in fields of mutual interest at both PKU and IIASA. The fellow will register and conduct research at PKU for 12 months and at IIASA for 12 months with multiple exchange visits between PKU and IIASA.

Under this framework, each applicant must identify at least one faculty member from each institution who agrees to serve as his/her host supervisor. In this regard, the Watershed Science Laboratory (PKUWSL), Laboratory of Energy & Environmental Economics and Policy (LEEEP) at College of Environmental Sciences and Engineering (CESE) of PKU and Water Program (WAT) at IIASA invite applications to contact us as host supervisors.

The fellow will work with an international and interdisciplinary panel of scholars: Prof. Yong Liu (PKUWSL), Prof. Hancheng Dai (LEEEP) and Dr. Yoshihide Wada (WAT). We invite the applicants to contact us to develop a research proposal with the focus on energy-water nexus under the global climate change mitigation policies, including: a) Assessing the impacts of energy decarbonization strategies on water demand or water quality; b) Assessing the impacts of climate change on water resource availability; and c) assessing the synergies and trade-offs of climate change mitigation on water resource or water quality stress taking into account both demand and supply sides of water resource or wastewater discharging.

Qualifications

Applicants that contact us for the energy-water nexus study should have completed their Ph.D. requirements by the start date, but applicants close to completion will also be considered. We seek applicants with research experience on energy/climate issues, and strong analytical skills in integrated assessment modeling, water resource modeling, and/or computable general equilibrium modeling. Proficiency in English is required.

Application Deadline

All applications must be received by **Tuesday 30 April 2019**.

Important Deadlines

30 April 2019 – Applications received and call closes

31 May 2019 – Shortlisted candidates will be reviewed in parallel by both PKU and IIASA selection committees

14 June 2019 – Final selection will be made by both committees

1 July 2019 – Selected fellows will be notified

2 September 2019 – Preferred commencement of fellowship

Location: Beijing, China and Vienna, Austria

Duration of position: 24 months from the start date

Compensation

An annual compensation of 336,000 RMB (50,000 USD) will be provided, including pre-tax salary of 185,000 RMB (27,500 USD), annual insurances of 91,000 RMB (13,500 USD), and a monthly subsidy of 5,000 RMB (744 USD) if the fellow finds his/her own accommodation rather than living in PKU postdoctoral flat. Note that the accommodation subsidy will not be available if the fellow lives in PKU postdoctoral flat, and while at IIASA, a fellow will be required to find their own accommodation but will also receive an accommodation subsidy of 3,500 RMB per month (the equivalent in Euro). For more information: <https://postdocs.pku.edu.cn/tzgg/90955.htm>.

Application Instructions

Fellowship applicants are required to prepare application documents in English and include all of the following (except the two recommendation letters) in one PDF document:

1. PKU-IIASA International Postdoctoral Fellowship Application Form
2. Full CV or Resume
3. Two recommendation letters (directly send by referees to coordinators listed below, including one from the applicant's doctoral supervisor)
4. An endorsement letter or e-mail from each of the envisaged postdoctoral supervisors at PKU and IIASA. The letter or e-mail should include detailed information on the added value of the research project and a clear statement of commitment regarding the physical and intellectual research environment that the supervisor will provide to the fellow.

For additional information, email Prof. Yong Liu at yongliu@pku.edu.cn, Prof. Hancheng Dai at hancheng.dai@pku.edu.cn, or Dr. Yoshihide Wada at wada@iiasa.ac.at. Please place **PKU-IIASA Postdoctoral Fellow Application** in the subject line. It should be noted that in principal, the applicant could contact any researchers at PKU and IIASA as supervisors. Shortlisted candidates will be reviewed and the final selection will be made by both PKU and IIASA selection committees.

Additional Information:

About Prof. Yong Liu: View Prof. Liu biography at <http://www.pkuwsl.org>

About Prof. Hancheng Dai: View Prof. Dai's biography at <http://scholar.pku.edu.cn/hanchengdai>

About Dr. Yoshihide Wada: View Prof. Wada's biography at <http://www.iiasa.ac.at/web/home/research/researchPrograms/water/staff/Wada.html>

About CESE at PKU

Since the late 1980s, The College of Environmental Sciences and Engineering (CESE) at Peking University (PKU) carried out the research direction of environmental economics and policy to establish and carry out the corresponding research and teaching and personnel training work. The research achievement not only achieves the academic impact, but also contributes to provide comprehensive decision-making recommendations for all levels of government.

Visit the CESE website at <https://cese.pku.edu.cn/>

About IIASA

Through its research programs and initiatives, the institute conducts policy-oriented research into issues that are too large or complex to be solved by a single country or academic discipline. This includes pressing concerns that affect the future of all of humanity, such as climate change, energy security, population aging, and sustainable development.

Visit the IIASA website at <http://www.iiasa.ac.at/>

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<http://www.iiasa.ac.at/web/home/education/postdoctoralProgram/PostdocOpportunities/PKU-IIASA Postdoc Program.html>