



Postdoctoral Fellow Position - Climate/Human migration modeling

- Employer: IBS Center for Climate Physics
- Location: Pusan National University, Busan, South Korea
- Education Level: PhD
- Job type: Postdoctoral Fellow
- Salary: 50 million KRW/year (~45,000 USD)
- Term: Full Time, 2 year, with possibility for renewal

Applicants for these positions should have a PhD in physics, climate sciences, meteorology, oceanography or a related field. Postdoctoral Fellows are expected to have strong computational skills, excitement to work on a new research subject, a good publication record, a high level of independence, curiosity and creativity, and an interest in working in an international and interdisciplinary research environment. The successful candidate will work with Prof. Axel Timmermann to develop and improve density-based numerical models for human migration, hominin interbreeding and gene flow with the aim to simulate and understand the effect of past climate change on the evolution and migration of Homo sapiens. The project will focus on the time period from 200,000-11,000 years ago and will address questions of climate-induced migration inside and outside of Africa. We will also revisit the question of interaction, interbreeding and competition between Anatomically Modern Humans and Neanderthals in a rapidly varying climate environment.

The IBS Center for Climate Physics (ICCP), (<http://iccp.ibs.re.kr>) directed by Dr. Axel Timmermann, is dedicated to advancing the understanding of natural climate variability, man-made climate change and their impacts on the hydrological cycle, regional processes, ice-sheets, and sea level. The ICCP is generously funded through the Institute for Basic Science (IBS) (<http://ibs.re.kr>).

ICCP is located in Busan, the second largest city in South Korea and the ninth largest port city in the world. Surrounded by ocean and mountains, the city has a dramatic natural background. From designer cafes, international movie and art festivals, award-winning restaurants to temples at the end of hiking trails, Busan has something to offer for everyone.

Please submit a cover letter, a short statement of your research interests, curriculum vitae, the name of 2 references, and up to three publications to Ms. U-Jeong Seo (u_jeongs@pusan.ac.kr). If you have any further questions regarding these positions, please contact Axel Timmermann (timmermann@pusan.ac.kr). The position remains open until filled.