

Job Opportunities:

Postdoctoral Researchers (temporary job)

Nagano University - Nagano, Japan

Nagano University is planning to seek two trained researchers to work with a team on a study about the population dynamics and fisheries management of Japanese eel (Project Head: Professor Hiroshi Hakoyama). The project is supported by the Fisheries Agency of Japan, and is going to last for at least several years. The outcome of the project is expected to contribute to discussions at FAO, IUCN and CITES and policy design and implementation on the management of Japanese eel. Lab technicians (several people) are going to help the postdoctoral researchers. We already decided to employ a postdoctoral Researcher (Statistician, frequentist, time-series analysis, fisheries management, mathematical modeling) who also contribute our team.

Duties & Responsibilities

(1) Postdoctoral Researcher #1 (Data Scientist/Bioinformatician, population genetics, SNPs (MIG-seq and/or RAD), effective population size, pairwise sequentially Markovian coalescent, PSMC)

The researcher's primary responsibilities include: developing the research design to get information about SNPs (MIG-seq and/or RAD) and estimating the yearly effective population size of Japanese eel; estimating demographic history by the PSMC method; developing statistical and mathematical methods for population genetics; and writing papers with co-workers.

(2) Postdoctoral Researcher #2 (Pop-up Argos tag, experimental researcher, fieldworker)

The researcher's primary responsibilities include: conducting field experiments to track silver eels using pop-up Argos tags (10 X-Tags, Microwave telemetry or miniPATs, Wildlife Computers and 20 MR-PATs, Wildlife Computers) at several locations in Japan, Indonesia and Philippines with the cooperation of SEAFDEC (The field work is going to start around September); conducting laboratory

experiments using yellow eels for developing the new pop-up Argos tag cooperating with Little Leonardo Co; and writing papers with co-workers.

Moreover, all postdoctoral researchers should cooperate with each other, participate in team discussions, assist the members of the team and the lab in all respects, and accept other duties as assigned.

Information

Minimum education: Ph.D. in a related field

Applications: When applying for this position, please send a CV/cover letter and letters of recommendation from the research supervisor or the department head to Hiroshi Hakoyama, hiroshi.hakoyama@gmail.com by e-mail with the title “Nagano_2019”.

Deadline to apply: Ongoing (Open until filled)

Location: 1088 Komaki, Ueda, Nagano 386-0031, Japan

Employment period: from 2019/05/01 (if possible, as soon as possible) to 2020/03/31. The employment period may be extended based on performance and availability of funding.

Regular work hours: 8:30-17:30 (Break time 12:00-13:00), Monday-Friday

Salary: 470,000 yen a month

Employee benefit: various social insurance equipping (inquiry e-mail address: soumu@nagano.ac.jp)

Contact: Hiroshi Hakoyama, hiroshi.hakoyama@gmail.com (<https://hako.space>)