

### List of open recruitment for research staff. (No fixed-term research scientists) (Apr 2023)

No.	Institute	Research Department	Employment terms	Research theme	Research program	Skills or qualifications required by the position
1	Forestry and Forest Products Research Institute	Department of Plant Ecology	No fixed-term research scientists(retirement age of 60) The basic salary ranges from about 270,000 JPY per month depending on the Forestry and Forest Products Research Institute regulation. In addition, various allowances are paid if the conditions are fulfilled.	Research and development for resource acquisition and allocation in trees.	The acquisition and allocation of resources such as carbon are closely related to growth, survival, and reproduction of trees. We recruit a researcher who promotes ecophysiological study of these processes focusing on the dynamics of various substances and their mechanisms including rhizosphere processes and, through this study, develops techniques for comprehensive evaluation of tree responses to environmental factors in order to manage and maintain healthy forests.	(1) Applicants must possess a doctoral degree prior to the date of employment. (2) Applicants should have research achievements on the acquisition and allocation of resources such as carbon or the dynamics of substances inside trees. (3) Initial work location : HQ FFPRI in Tsukuba, Ibaraki, Japan (4) Applicants should be aware that researchers in the department may be offered a transfer to one of the research centers located across the country every few years to study local cases.
2	Forestry and Forest Products Research Institute	Department of Forest Vegetation	No fixed-term research scientists(retirement age of 60) The basic salary ranges from about 270,000 JPY per month depending on the Forestry and Forest Products Research Institute regulation. In addition, various allowances are paid if the conditions are fulfilled.	Sophistication of techniques for predicting regeneration according to the plant species composition of the forest floor	There is a growing demand for techniques to convert planted forests that are unsuitable for forestry business into mixed forests or hardwood forests through natural regeneration, while high uncertainty remains as to natural regeneration at this stage. In order to resolve this issue, we recruit a researcher who develops techniques to predict the possibility of regeneration and the forest types that will form in the future based on the species composition of the forest floor vegetation by utilizing advanced technologies such as sensing.	(1) Applicants must possess a doctorate degree prior to the date of employment. (2) Applicants should have research achievements on plant species composition, regeneration process, and succession, and those with research experience in sensing technology is preferred. (3) Initial work location : HQ FFPRI in Tsukuba, Ibaraki, Japan (4) Applicants should be aware that researchers in the department may be offered a transfer to one of the research centers located across the country every few years to study local cases.
3	Forestry and Forest Products Research Institute	Department of Forest Molecular Genetics and Biotechnology	No fixed-term research scientists(retirement age of 60) The basic salary ranges from about 270,000 JPY per month depending on the Forestry and Forest Products Research Institute regulation. In addition, various allowances are paid if the conditions are fulfilled.	Research on genetic architecture of tree traits using genomic and epigenetic approaches	We recruit a researcher who investigates genetic architecture of tree traits by analyses of whole genome sequences, transcriptome, and epigenetic gene modification and by techniques of bio-informatics, in order to clarify biological functions of trees and develop technology using the functions.	(1) Applicants must possess a doctorate degree prior to the date of employment. (2) Applicants should have research achievements on genomics and epigenetics. (3) Initial work location : HQ FFPRI in Tsukuba, Ibaraki, Japan (4) Applicants should be aware that researchers in the department may be offered a transfer to one of the research centers located across the country every few years to study local cases.

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4	Forestry and Forest Products Research Institute	Department of Forest Policy and Economics	No fixed-term research scientists(retirement age of 60) The basic salary ranges from about 270,000 JPY per month depending on the Forestry and Forest Products Research Institute regulation. In addition, various allowances are paid if the conditions are fulfilled.	Development of input-output models for forest sector	To realize the circular economy of forest resources and the transformation of the forest sector into a growth sector, forest sector is desired to address the SDGs and strengthen their competitiveness further. In order to resolve this issue, we recruit a researcher who develops a forest sector input-output model to analyze and evaluate the socioeconomic impacts of forest sector on the local economy and environment.	(1) Applicants must possess a doctorate degree prior to the date of employment. (2) Applicants should have research abilities in industrial structure theory and input-output analysis for forest sector. (3) Initial work location : HQ FFPRI in Tsukuba, Ibaraki, Japan (4) Applicants should be aware that researchers in the department may be offered a transfer to one of the research centers located across the country every few years to study local cases.
5	Forestry and Forest Products Research Institute	Department of Wildlife Biology	No fixed-term research scientists(retirement age of 60) The basic salary ranges from about 270,000 JPY per month depending on the Forestry and Forest Products Research Institute regulation. In addition, various allowances are paid if the conditions are fulfilled.	Advancement of ecosystem management methods to reduce the risk of zoonoses	Since zoonoses originating from forest organisms are spreading in our country, reducing the risk of disease emergence during work and activity in forests is an urgent task. To address this issue, we recruit a researcher who develops ecosystem management methods incorporating the risk management of zoonoses transmission by elucidating the relationship between wildlife and pathogen vectors as well as the relationship between infectious diseases and land use.	(1) Applicants must possess a doctorate degree prior to the date of employment. (2) Applicants should have research achievements on the biology of wildlife and pathogen vectors. (3) Initial work location : HQ FFPRI in Tsukuba, Ibaraki, Japan (4) Applicants should be aware that researchers in the department may be offered a transfer to one of the research centers located across the country every few years to study local cases.
6	Forestry and Forest Products Research Institute	Department of Forest Resource Chemistry	No fixed-term research scientists(retirement age of 60) The basic salary ranges from about 270,000 JPY per month depending on the Forestry and Forest Products Research Institute regulation. In addition, various allowances are paid if the conditions are fulfilled.	Development of novel pre-treatment methods to promote bioeconomy of the forest resources	We recruit a researcher who develops the optimal pre-treatment methods for the wood derived materials that can be the platforms of various types of products to alternate fossil resources and promote bioeconomy of the forest resources.	(1) Applicants must possess a doctorate degree prior to the date of employment. (2) Applicants should have research achievements and deep knowledge in the separation of chemical components of wood and development of them. (3) Initial work location : HQ FFPRI in Tsukuba, Ibaraki, Japan (4) Applicants should be aware that researchers in the department may be offered a transfer to one of the research centers located across the country every few years to study local cases.

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7	Forestry and Forest Products Research Institute	Center for Advanced Materials	No fixed-term research scientists(retirement age of 60) The basic salary ranges from about 270,000 JPY per month depending on the Forestry and Forest Products Research Institute regulation. In addition, various allowances are paid if the conditions are fulfilled.	Development of bio-based thermoplastic polymeric materials	We recruit a researcher who develops new bio-based thermoplastic polymeric materials with high performance and excellent workability by applying polymer synthesis and plastic compounding technology, in order to develop natural aromatic resources of lignin that has high potential as alternative plastics of functional materials to a widely applicable thermoplastic market.	(1) Applicants must possess a doctorate degree prior to the date of employment. (2) Applicants should have research achievements on preparation and characterization of polymeric materials. (3) Initial work location : HQ FFPRI in Tsukuba, Ibaraki, Japan (4) Applicants should be aware that researchers in the department may be offered a transfer to one of the research centers located across the country every few years to study local cases.