



**UNITED NATIONS
UNIVERSITY**

UNU-IAS

Institute of Advanced Studies

JSPS-UNU Postdoctoral Fellowship Programme 2006

Introduction

The JSPS-UNU Postdoctoral Fellowship Programme was launched in 2002 and is jointly organised by UNU and Japan Society for the Promotion of Science (JSPS). It is designed to provide opportunities for promising, highly qualified, young researchers to conduct cooperative research under the leadership of their host researchers of Japanese universities and research institutions especially in the fields relevant to the main thematic focus of UNU-IAS (Institute of Advanced Studies), located in Yokohama, and UNU Centre, located in Tokyo.

UNU acts as the nominating authority for the JSPS-UNU Programme, and UNU-IAS administers the programme on behalf of UNU in the nominating process. Candidates apply to UNU-IAS using the prescribed application form with the documents attached: recommendation letters, and a certificate of his/her Ph.D. degree, etc.

It is necessary for applicants to indicate the prospective host researcher at the time of submitting the application. The list of prospective host researchers and their areas of specialisation is now available at the website of UNU-IAS as an example. (It is not necessary to obtain confirmation of acceptance from the prospective host researcher at this stage.) After screening the candidates, UNU will assist in receiving acceptance from the host researchers for the short-listed candidates. After the host researcher is secured for each short-listed candidate, UNU will make nominations to JSPS, which contributes financially to this programme. The final award decision will be made by JSPS and Awards Letters will be issued by JSPS to the fellowship awardees. An advisor for each fellowship awardee will be selected for the period of research in Japan from among the UNU (UNU-IAS or UNU Centre) faculty members after consultation with the host researcher.

Fields of Research

All fields of the humanities, social sciences and natural sciences, particularly those related to the main thematic focus of UNU's programme activities with emphasis on policy issues. Research proposals should relate clearly to one of the following current research areas of UNU-IAS (see also <http://www.ias.unu.edu/research>) and UNU Centre (see also <http://www.unu.edu/p&g> and <http://www.unu.edu/env>).

1. Biodiplomacy

The Biodiplomacy Initiative (BI) is a multifaceted approach to supporting international, regional and national processes relating to development and implementation of law and policy concerning conservation and use of biodiversity, access to genetic resources and benefit sharing, protection of traditional knowledge, intellectual property rights, bioethics, biosafety and biosecurity. The BI includes policy research, outreach and capacity building activities.

2. Sustainable Development Governance

Studies on the governance and effectiveness of institutions for sustainable development, interlinkages/interplay between MEAs, both at global and regional levels; ethics and the role of environmental principles in international governance, WTO and sustainable development in developing countries, development of markets and policies for environmental goods and services, WTO and investment in developing countries, and impacts of WTO accession on sustainable development particularly sectoral analysis on health, welfare, poverty reduction, culture and environment.

3. Science Policy for Sustainable Development

Studies on policy issues related to the implementation of technology transfer provisions of Convention on Biological Diversity (CBD), International Treaty on Plant Genetic Resources for Food and Agriculture (ITPGRFA), and the United Nations Convention to Combat Desertification (UNCCD); country case studies and best practices in biotechnology development and transfer in developing countries context; policy studies on the application of science and technology for achieving the millennium Development Goals, particularly in regard to poverty alleviation in Africa; institutional innovations in linking science and technology with the development process in developing countries.

4. Ecosystems & People

Studies on the linkages between human well-being and ecosystems; poverty and environment; poverty reductions strategies/Millennium Development Goals related to environment; pro-poor markets for ecosystem services, roles of MEAs in improving human well-being; and ecosystem assessment leading towards integrated policy making; particularly focused on the development of training and teaching materials for policymakers in these areas. Also, this programme has an existing concentration on Urban Ecosystems – including the application of the ecosystem approach to the study and management of cities. Current priorities include exploring the drivers of urban environmental and ecosystem change, urban metabolism and other ecosystem approaches to understanding cities. The programme is also exploring the relevance and effectiveness of ecosystem approach influenced policies as they are applied to urban regions.

5. Education for Sustainable Development

Further development and implementation of the UNU strategy to promote education for sustainable development (EfSD) and the Decade of Education for Sustainable Development (DESD), which started in January 2005. Possible topic for research may include, for instance, case studies of Regional Centers of Expertise (RCE) on EfSD regarding their development processes and success factors, development of curricula for priority topics on EfSD etc. An RCE is a group of organizations that deliver education for sustainable development at regional and local levels. Research may document how an RCE is developed to translate and articulate a global vision of education for sustainable development into the context of the local community in which it operates, thereby critically examining whether an RCE can serve as a platform to

promote dialogues among EfSD stakeholders towards locally relevant and culturally appropriate EfSD.

6. Sustainable Management of Fragile Ecosystems - Satoyama Area (Ishikawa International Cooperation Research Center- IICRC)

Analytical research on the management of fragile ecosystems, especially the conservation and sustainable use of *satoyama* (traditional rural landscape) and its multidimensional values including ecological, social, cultural and economic aspects in Asia (including Japan), Europe, Africa and Oceania.

7. Peace and Governance

- 1) International order and justice (analyzes and contributes to the UN's roles in meeting the most pressing challenges to international order and justice; addresses proposals to make the UN system more efficient in strengthening international peace; in promoting human rights, rule of law and good governance)
- 2) Conflict and security (focusing on the roots of human, national, regional and international security threats, and the provision of security by civil society, state, regional and international actors, including conflict prevention and peacebuilding)
- 3) Human rights and ethics (focusing on the challenges of promoting human rights in a divided world, and the ethical and normative dimensions of contemporary foreign policy and international institutions)
- 4) Policy and institutional frameworks (exploring the modalities, values and institutions that are employed to organize governance at the regional, transnational and global levels)

8. Environment and Sustainable Development

- 1) Management of fragile ecosystems (managing agrodiversity, sustainable land management in drylands, mountains and forests). Three programmes are conducting research that would lead to integration of sustainability into the management of endangered fragile ecosystems.
- 2) Water crises (international rivers and lake basins management, managing basin water cycle for sustainable water resources development, environmental monitoring and governance in coastal hydrosphere) The research programme on 'Water crises' seeks to promote sustainable environmental and political management of critical water resources that will ensure adequate quality and quantities of water for all.
- 3) Sustainable urbanization (research on multi-hazard risk assessment, innovative communities, Zero Emissions Forum)
- 4) Global environmental governance and information (studies on Forum for Globally-Integrated Environmental Assessment Modeling, information society and environmental issues, The Inter-linkages Initiative)
- 5) Holistic view of environmental transitions. This is the new thematic area that addresses global view on diverse environmental challenges.

Eligibility

1. Citizens of UN member countries that have diplomatic relations with Japan. (Japanese nationals that do not have citizenship or permanent residency of foreign countries are not eligible.)
2. Holders of a doctoral degree when the Fellowship goes into effect, which must have been received within six years prior to 2 April 2006.

Those who have research experience (at least 10 months) after receiving their doctoral degree are encouraged to apply.

JSPS and UNU cannot accept nominations for persons who have in the past been awarded either a “JSPS Postdoctoral Fellowship” or “STA (Japan Science and Technology Corporation) Fellowship (Long-term)” for a term of 12 months or more.

Duration of the Fellowship

Fellowships are awarded for a period of 12 to 24 months.

Terms of Award

1. A round-trip air ticket (based on JSPS regulations)
2. A monthly maintenance allowance of JPY392,000
3. A settling-in allowance of JPY200,000 (based on JSPS regulations)
4. An annual domestic research travel allowance of JPY58,500
5. Overseas travel accident and sickness insurance coverage

Note:

- The amounts of the Awards indicated above are subject to change.
- If the Fellow resides in Japan on the date his/her award letter is issued, the above-mentioned air ticket to Japan and settling-in allowance will not be provided.
- A research grant, “Grant-in-Aid for Scientific Research” or “Research Grant”, of up to JPY1,500,000 per year (total of JPY3,000,000 for two years. The amount varies depending on the areas/disciplines of research.) is available to cover cooperative research-related expenses. Application for these grants is made by the host researcher through his/her institution.

This award is provided by JSPS, and follows JSPS program guidelines. (Please refer to <http://www.jsps.go.jp/english/e-fellow/guideline.htm> for details.)

Eligible Host Institutions in Japan

Eligible host institutions in Japan are universities, inter-university research institutions, and other research institutions designated by JSPS. (Please refer to http://www.jsps.go.jp/english/e-fellow/list_host.html)

Nomination of Candidates

1. UNU will act as a nominating authority of the Programme, and application should be submitted to UNU-IAS.
2. UNU will try to inform the applicants of the results of the nomination by the middle of July.
3. JSPS takes about 2 months after receiving the nominations to process its award decision.

Starting Date and Deadline for Applications

The JSPS-UNU Postdoctoral Fellowship Programme begins on 1 November 2006 and the selected fellows are required to be in Japan by this date. **The closing date for applications is 12 May 2006 for fellowships beginning on 1 November 2006.**

Application for JSPS-UNU Postdoctoral Fellowship Programme (2006)

NOTE: Application should be typed or printed

1. Name in Full			Gender	
FAMILY	First	Middle		
2. Date of Birth:	Age:	3. Nationality	4. Citizenship	5. Permanent Resident
/ / Day Month Year				
6. Current Appointment and/ or Status				
7. Academic Degree (Ph.D.)				
Type		Date Obtained / /		
Field		(or Expected) Day Month Year		
Institute		Country:		
8. Higher Education				
Name of University / Institution	Location	Degree	Field	Completion date (Month/Year)
9. Past employment and research experience				
Name of institution	Location	Position	From – To (Month/Year)	
10. Academic Awards (please indicate title, year and conferrer.)				
11. Field of Specialization				
12. Name of Proposed Host Researcher and Host Institution				
Host researcher:				
Title:				
Division:				
Host institution:				
Would you like to be assisted by UNU (or UNU-IAS) in finding other host researchers in the instance where acceptance by your proposed host researchers can not be obtained? Yes: [] No: []				

13. Proposed Research Title at the Host Research Institution and UNU (or UNU-IAS) (in brief)

Please indicate which of these research areas are related to your research in Japan:

- Biodiplomacy
- Sustainable Development Governance
- Science Policy for Sustainable Development
- Ecosystems & People
- Education for Sustainable Development
- Sustainable Management of Fragile Ecosystems - Satoyama Area (IICRC)
- Peace and Governance
- Environment and Sustainable Development

14. Proposed Tenure of JSPS-UNU Postdoctoral Fellowship: (day/month/year)

From: _____ to: _____ Total: _____ months
(Fellows must arrive between 15–31 Oct 2006) (Indicate duration of 12–24 months)

15. Research Plan at the Host Research Institution and UNU (or UNU-IAS)

(Please include at least the following items: 1) present research, 2) proposed research, 3) expected outcome of the proposed research)

15. Research Plan at the Host Research Institution and UNU (or UNU-IAS) (continued)

16. Subject and Achievement of Past Research

17. List of Major Publications

Authors (all), Title, Journal/Book, Vol., No., pp., Month, Year

18. Language Ability (5: Excellent1: Poor)				
	Reading	Writing	Hearing	Speaking
Japanese	5 4 3 2 1	5 4 3 2 1	5 4 3 2 1	5 4 3 2 1
English	5 4 3 2 1	5 4 3 2 1	5 4 3 2 1	5 4 3 2 1
	5 4 3 2 1	5 4 3 2 1	5 4 3 2 1	5 4 3 2 1
	5 4 3 2 1	5 4 3 2 1	5 4 3 2 1	5 4 3 2 1
	5 4 3 2 1	5 4 3 2 1	5 4 3 2 1	5 4 3 2 1

19. Past Stay(s) in Japan

Place: _____ Year: _____ Purpose: _____

20. Name(s) of other fellowship(s) for which you are now applying

21. Mailing addresses

1) Office: _____ Tel: _____ Fax: _____ Email: _____		2) Home: _____ Tel: _____ Fax: _____ Email: _____
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22. Will you be accompanied by immediate family members? If so, please indicate their names and relationship to you.

Name	Relationship

Please note we will not guarantee accommodation for those accompanied.

Note: The following documents **in English** must be received on or before 12 May 2006. Failure to include these documents will render your application invalid. Additional relevant material may also be included.

1. Certified copies of academic transcripts (Master's and Ph.D. courses if applicable) and a copy of doctoral degree certificate. If the degree has not yet been awarded, a letter is required from the candidate's institution stating the date that he/she will officially receive the degree.
 2. Two publication samples (if unavailable, please send two chapters from your dissertation)
 3. Two original supporting letters of reference (Both references should be sent separately by the referees. One should be from the candidate's current or previous supervisor)
 4. Evidence of English language proficiency if Ph.D. dissertation was not submitted in English (eg. TOEFL score, certificate of proficiency)
- * All documents, with the exception of degree certificates and publication samples, must be original.
 ** All documents must be in English. When the document is in another language, please be sure to attach an English translation.

I certify the above information to be accurate and correct.

Date: _____

Signature: _____
 (Applicant signature)

All applications must be received by post on or before **12 May 2006** to the address below. Application forms may be printed and completed by hand, or they may be downloaded from the website and completed electronically. Please note, however, that all completed application forms and the required supporting documents must be sent to UNU-IAS by post. In addition to the posted hard copies, applicants are encouraged to submit application forms electronically as an email attachment. These electronic application forms represent a supplement to the hard copies posted to UNU-IAS, and DO NOT replace them. All parts of this form must be completed in English. Anything left incomplete may result in the application being rejected. This form can be viewed, printed, or downloaded from the UNU-IAS website (<http://www.ias.unu.edu/fellowships/apply.cfm>) or obtained through e-mail (fellowships@ias.unu.edu) **Only shortlisted candidates will be contacted.**

JSPS-UNU Postdoctoral Fellowship Programme

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