

## Application Guidelines for Humanosphere Mission Research, 2021

The Research Institute for Sustainable Humanosphere (hereafter, referred to as RISH) is promoting advanced and combined research on the five missions of “1: Environmental Diagnosis and Regulation of Circulatory Function”, “2: Advanced Development of Science and Technology Towards a Solar Energy Society”, “3: Sustainable Space Environments for Humankind”, “4: Development and Utilization of Wood-based Sustainable Materials in Harmony with the Human Living Environment”, and “5: Quality of the Future Humanosphere” regarding the most recent issues concerning the survival of the human race. In order to promote these missions on humanosphere, the Center for Exploratory Research on Humanosphere, RISH is publicly recruiting those who can take part in joint research on humanosphere science known as “Humanosphere Mission Research” with the points below. We hope to receive many applications.

[Applicant eligibility]

Those following people are eligible to become the research director.

- Full-time instructors (including specific fixed-term instructors), full-time instructors of national and public research institutes, or full-time researchers (including researchers at a National Research and Development Agency or Incorporated Administrative Agency) who are eligible to apply for “Grant-in-aid for Scientific Research”.  
(Applicant from abroad should correspond to the conditions shown above.)
- Those who are seen as adequate by research team leaders of other centers for exploratory research.

An applicant can apply only one project as a research director. When the project is proposed from outside of RISH, please include one or more instructor(s) at RISH as research collaborator(s) of the project, and assign one of the RISH collaborators as “Person responsible at RISH”.

\*Please note the following points as a research director of the proposed project.

- Honorary professors: It is suggested that an honorary professor becomes a research collaborator of the application by a full-time researcher as a director. If an honorary professor can conduct the research at home, application as a research director is possible, but please separately state the applicant’s research environment.
- Application from abroad: It is possible to apply a project from abroad. However, please consult thoroughly with the research collaborators at RISH on how the research is conducted and how the budget is used because the bookkeeping of the budget is carried out within RISH. We recommend that such proposal from abroad is submitted by the “Person responsible at RISH”.

If applicant’s position at the belonging institution is like a post-doctorate researcher who works on projects under supervision by another researchers or instructors, please apply as a research collaborator of the research project of your interest. Please also check whether the application may not violate obligations that the applicants may have at the belonging institutions.

- ◆ When researcher(s) publish paper(s)/letter(s)/report(s)/etc basend on accepted research, you consider to add co-author(s) of RISH or you must wirte acknowledgement of "this research is supported by Humanosphere Mission Reserch (or Exploratory Research on Humanospheric Science)".  
You also must send copy of published paper(s)/letter(s)/report(s)/etc to Center of Exploratory Research on Humanosphere, RISH.
- ◆ If you apply patent(s)/etc based on accepted research, you must report it to Center of Exploratory Research on Humanosphere, RISH.

**[Deadline for Applications]      May 20, 2021 (Thursday)**

[How to Apply]

Fill out the prescribed application form and submit it as an electronic file (Microsoft Word). The format of the application forms may change without notice so please be sure to download applications of the latest format at the link below at RISH website. (Please prepare the application form within two pages.)

[http://www.rish.kyoto-u.ac.jp/organization\\_e/exploratory\\_research/research\\_project/](http://www.rish.kyoto-u.ac.jp/organization_e/exploratory_research/research_project/)

[Budget]

Expenses needed for the research is spent from the budget at RISH. (Note for applicants outside of RISH: The allocated budget is transferred to the “Person responsible at RISH”. So please discuss expenses with the “Person responsible at RISH”): supply expenses, travel expenses, remuneration expenses, fixtures expenses, other (communication/transportation expenses, etc.)

Please be careful that fixtures bought by the research project should be registered to RISH. Please describe use of the budget in detail in order to help review of the application be clearer.

[Granting Period]

Until March 31, 2022

[Granted Amount]

Up to **800,000 yen** for a project

[Where to Send]

Takako Ueji (clerk), Center for Exploratory Research on Humanosphere  
Research Institute for Sustainable Humanosphere, Kyoto University,  
Gokasho, Uji City, Kyoto 611-0011, JAPAN  
E-mail: rish-center \* rish.kyoto-u.ac.jp (replace “\*” with “@”)

We will send you an acceptance notice of your application within 3 working days. If you do not receive the e-mail, please contact the address above.

[Contact]

Naoki Shinohara (director), Center for Exploratory Research on Humanosphere  
Research Institute for Sustainable Humanosphere, Kyoto University,  
Gokasho, Uji City, Kyoto 611-0011, JAPAN  
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[Other]

There were 22 projects carried out in the fiscal year 2020. Relationships with humanosphere science and humanosphere missions are major factors in evaluations when conducting reviews. If the proposed project continues over multiple fiscal years, please explain reasons for continuation over the years. Please bring up the issues presented for adoption in your announcement at the humanosphere mission symposium scheduled to be held at around March 2022 and submit your report on your findings.

[Related Links]

RISH Research Mission website  
[http://www.rish.kyoto-u.ac.jp/mission\\_e/](http://www.rish.kyoto-u.ac.jp/mission_e/)

(For Reference) Issues presented for adoption last year.  
[http://www.rish.kyoto-u.ac.jp/organization\\_e/exploratory\\_research/research\\_project/#MR2020](http://www.rish.kyoto-u.ac.jp/organization_e/exploratory_research/research_project/#MR2020)

# Humanosphere Mission Research Application Form, 2021

App.  
No.

\*Please prepare the application form within 2 pages. Please state your age as of April 1, 2021.

☐New application / ☐Application for extension \*Check one of the items.

☐International collaborative research \*Check if applicable.

1. Subject of research (in Japanese and English)

2. Please summarize your research in three lines.

3. Purpose (background, purpose, characteristics) and goal of research and association with humanosphere science

4. Significance in Research Institute for Sustainable Humanosphere mission activities

5. Related missions: (Leave applicable ones. Interdisciplinary studies are welcomed.)

- 1: Environmental Diagnosis and Regulation of Circulatory Function
- 2: Advanced Development of Science and Technology Towards a Solar Energy Society
- 3: Sustainable Space Environments for Humankind
- 4: Development and Utilization of Wood-based Sustainable Materials in Harmony with the Human Living Environment
- 5: Quality of the Future Humanosphere

6. Research directors and research collaborators

A) Research director

Name: The institute (field) that you belong to / title name: Age:  
Telephone number: E-mail address:

B) Person responsible at RISH

Name: Title name: Age:  
Telephone number: E-mail address:

C) Research collaborators State the division of roles between all members (total number of members including research directors and "Person responsible at RISH").

Name	The institute (field) that you belong to / title name	Age (as of April 1, 2021)	Division of roles

7. Research plans/methods

8-a. Requested budget amount (Breakdown outline: fixtures expenses, supply expenses, travel expenses, remuneration expenses, other)

Total: \_\_\_\_\_ yen (Up to 800,000 yen)  
(Breakdown)

8-b. Please describe the research accomplishments for when the application for travel expenses exceeds 60% and the allotment is decreased by half.

9-a. If your application is for an extension, please describe the progress that you have made up to now and how the results that have been obtained are reflected in plans for the year. Please also state any dissertation results that you may have.

9-b. If you have received any research grants for a different category from RISH in the past year or are planning to apply for any, please describe their relationship with this application.