

**Platform of Inter/Transdisciplinary Energy Research
Support Program for Young Researchers and Doctoral Students
Screening Guidelines(simplified version)**

July 2018

Screening Method

1. As a general rule, document-based screenings will be conducted for new research projects.
 - (a) In the document-based screening process, applications will be reviewed by faculty members associated with the Kyushu University Platform of Inter/Transdisciplinary Energy Research (hereinafter, Q-PIT). If necessary, judges who are not associated with Q-PIT can be added.
 - (b) The judges will review each research plan (proposal) based on the rating factors described in section 2 below.
 - (c) The faculty members associated with Q-PIT will determine which research projects will be adopted based on the review results, focusing on coordinating views taken from a wide and comprehensive perspective, through the agreement of faculty members associated with Q-PIT.

2. The criteria for the rating factors and the overall score in each screening are as follows.

[Rating Factors]

I . Quota for Young Researchers

With five levels of evaluation, the following rating factors (1) to (4) will be looked at.

(1) Scientific importance and appropriateness of the research project

- Is the research project worth pursuing from a scientific standpoint?
- Does the research project have a specific and clear research initiative or purpose?
- Does the research project offer research significance commensurate with the funding requested in the application?

(2) Rationality and feasibility of the research plan and method

- Is the research project planned well enough to achieve its goals?
- Has the research project been considered from various aspects regarding the execution of its plan, such as how to handle things if the plan goes away and doesn't stay on schedule?
- Are the research period and expenses reasonable?

Research expenses are reviewed from the following perspectives:

- (a) Whether the details of the research expenses are reasonable and can be expected to be used effectively.
- (b) Whether the equipment and facility expenses are truly necessary.
- (c) In cases where the equipment and facility expenses are more than 50% of the total expenses, whether they are expected to be used effectively in carrying out the research project.
- Can the principal investigator be considered to have sufficient ability to conduct and accomplish the research project in view of his/her past research achievements?

(3) Ripple effects of the research project

- Is the research project expected to make a significant contribution to the development of its research area or related research areas, to create a new scientific discipline, or to have other scientific ripple effects?
- Is the research project expected to make a positive impact or contribution to society in a wide range of social activities, including scientific, technological, industrial, and cultural activities?

(4) Clarity of the research project

- Are the research project and its specific research plans clearly described and easy to understand for researchers outside of the principle investigator's area of expertise?
- Is the description of the research project organized well enough to be readable by judges, with simple expressions in the whole, and the effective use of figures, new lines, and white space?
- Is the description of the research project appropriately prepared in accordance with the guidelines and instructions?

II. Quota for Doctoral Students

With five levels of evaluation, the following rating factors (1) to (4) will be looked at.

(1) Foreseeability of the research proposal

- Does the research proposal present foreseeable research prospects, such as a future energy society conception?

(2) Originality of the research proposal

- Is the research proposal creative and innovative in terms of the research subject, research method, or expected research results?
- Is the research project expected to make a positive impact or contribution to society in a wide range of social activities, including scientific, technological, industrial, and cultural

activities?

- Is the research proposal expected to make a significant contribution to the development of its research area or related research areas, to create a new scientific discipline, or to have other scientific ripple effects?

(3) Scientific importance of the research proposal and reasonability of its planning/method

- Are the background and characteristics of the research proposal
- Are the conception, purpose and planning of the research proposal clearly described?

(4) Clarity of the research project

- Are the research project and its specific research plans clearly described and easy to understand for researchers outside of the principle investigator's area of expertise?
- Is the description of the research project organized well enough to be readable by judges, with simple expressions in the whole, and the effective use of figures, new lines, and white space?
- Is the description of the research project appropriately prepared in accordance with the guidelines and instructions?

[Overall Score]

After the overall scores are provided on a scale of 1 to 5 in reference to the evaluation results for the above rating factors, overall ranks are determined.

3. Confidentiality

The judge should not disclose the information that he / she knew at the screening, such as written screening, to a third party.