

Research Objectives, Background of the Research Project, etc.

This Research Proposal Document will be reviewed in the Section “Category” of Humanities and Social Sciences, Science and Engineering, and Biological Sciences of the applicant’s choice. In filling this application form, refer to the Application Procedures for Grants-in-Aid for Scientific Research-KAKENHI-

Research objectives, background of the research project, etc. should be described.

A succinct summary of the research proposal should be given at the beginning.

The main text should give descriptions, in concrete and clear terms, of

- (1) Scientific background for the proposed research, and the “key scientific question” comprising the core of the research plan,
- (2) The purpose, scientific originality, and creativity of the research project,
- (3) Applicant’s research development leading to the conception of this research proposal based on applicant’s hitherto research activities, domestic and overseas trends related to the proposed research and the positioning of this research in the relevant field, and
- (4) What will be elucidated, and to what extent and how will it be pursued during the research period.

[SUMMARY]

Matters to be noted when preparing the Research Proposal Document

[MA] Read the following important notes carefully before preparing this form. Delete this entire text box when filling in this form.

Note 1:

1. *Proposals submitted to the research category Specially Promoted Research will be reviewed in the Section “Categories” of Humanities and Social Sciences, Science and Engineering, and Biological Sciences. The proposal document should be prepared with consideration that it will be reviewed from diverse viewpoints by a review committee consisting of reviewers with different backgrounds.*

Note 2:

1. *Read carefully the “Procedures for Preparing and Entering a Research Proposal Document” when preparing the document.*
2. *The document should be written with font size 10-point or larger.*
3. *The title and instructions on the upper part of each page should be left intact.*
4. *Do not exceed the maximum number of pages specified in the instructions. In case blank page(s) occur, leave them as they are (do not eliminate any page).*

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Significance as Specially Promoted Research

This research category is intended to support outstanding and distinctive research that opens up new scientific fields.

The following points should be stated in concrete and clear terms.

- Expected research achievements, scientific significance and impact of this research in opening up new scientific fields

Research Plan and Methods

The applicant should provide details of the research plan and methods for achieving the objectives of the research. The following points should be stated in concrete and clear terms.

- Preparation status for the research plan: The description with an understandable manner should include a preparation status such as a data collection, analysis, assessment and examination, a preliminary experiment to become a foundation, a design and manufacture of the experimental devices or facilities, a development of methods, and an organization of the project members including a participation of Research Collaborator(s), etc., which is assumed to be a precondition for the implementation of the proposed research project and also explain on the relations between the preparation status and the research plan.
- A concrete description of the role-sharing between the Principal Investigator (PI) and the Co-Investigator(s) (Co-I(s)), if the proposed research project involves Co-I(s)

Applicant's Ability to Conduct the Research and the Research Environment

With a view to showing the feasibility of the research plan by the applicant (PI) (and Co-I(s), if any), descriptions of (1) applicant's hitherto research activities and the details of the achievements, and (2) research environments including research facilities and equipment, research materials, etc. relevant to the conduct of the proposed research should be given. In addition, the description of (1) above must include funded researches in the past and achievements obtained from them, etc. but if appropriate, it can include items not directly related to the proposed project. Moreover if there were some absence periods from research activities, an explanation, etc. about them may be provided in the description of (1) above.

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Note:

1. *As for the research achievements of the Principal Investigator such as research papers, books and lectures, main items of those are given in the columns of "RECENT RESEARCH ACTIVITIES I (Publications)" and "RECENT RESEARCH ACTIVITIES II (Invited Lectures and Talks, Prizes, etc.)" rather than using this column. (In case the Co-Investigator(s) are involved, their research achievements are also handled with the same manner.)*
2. *On showing the achievements from the past research activities in this column, a sufficient information to identify the achievement should be given in case there are special needs to show some particular detailed research achievements such as papers, books, patents, invited talks, etc. (e.g., as for a research paper, there should be the title of the paper, authors, name of the journal, the number of the volume and pages, etc., year of publication, the bibliographic information in case of books, and so on.)*
3. *The research papers that can be cited are only those already published or accepted for publication.*

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