

Project Title:

Lead Scientist:

Project Number:

Name of the Review Session:

Reviewer ID Number:

Date:

AD HOC REVIEW OF ARS RESEARCH PROJECT PLAN

*The purpose of this review is to judge the technical merit of the planned research and to make constructive comments for improvement. The principal focus of this research has been determined by ARS to be essential to its mission, and funding has been approved at the planned level. Please provide both qualitative ratings and comments on each review criteria. Please list and number each significant recommendation being made. Be sure to briefly state the rationale or basis for suggestions or questions. Recommendations may include specific questions you believe should be addressed by the lead scientist. **Please select an action class at the end of this form to indicate the level of revision you believe the project plan requires.***

- 1. Adequacy of Approach and Procedures:** Are the hypotheses and/or plan of work well conceived? Are the experiments, analytical methods, and approaches and procedures appropriate and sufficient to accomplish the objectives? How could the approach or research procedures be improved?

For Adequacy of Approach and Procedures please use the following format to organize your comments:

Overview of project and general review comments
Detailed review by Objective and Subobjective and/or hypothesis
 Objective 1
 Subobjective 1.1.
 Strengths
 Suggestions for improvement
 Subobjective 1.n...
 Objective n...

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- 2. Probability of Successfully Accomplishing the Project's Objectives:** What is the probability of success in light of the investigator or project team's training, research experience, preliminary data, if available, and past accomplishments? Are the objectives both feasible and realistic within the stated timeframe and with the resources proposed? Do the investigators have an adequate knowledge of the literature as it relates to the proposed research?

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3. **Merit and Significance:** Are the project objectives relevant to the stated research goals and directions of the corresponding National Program? Will the successful completion of the project enhance knowledge of a scientifically important problem? Will the project lead to the development of new knowledge and technology? Are you aware of any other data/studies relevant to this research effort? If applied research, comment on the value of the research to its customers.

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Additional Comments or Suggestions:

Action Class Judgment

- | | |
|--|--|
| <input type="checkbox"/> No Revision Required | No Revision Required – Needs no revision, but minor revision might be made. |
| <input type="checkbox"/> Minor Revision Required | Minor Revision Required – Needs minor revisions, but objectives fit the National Program Action Plan; approaches to all objectives are sound. Project is Feasible. |
| <input type="checkbox"/> Moderate Revision Required | Moderate Revision Required – Moderate revision of an objective and/or one approach is needed. Project is feasible. |
| <input type="checkbox"/> Major Revision Required | Major Revision Required – Project should be sound and feasible after major revision. |
| <input type="checkbox"/> Not Feasible | Not Feasible – Project is not feasible because of deficiencies in expertise and/or facilities, or has other major flaws that require a complete redesign and rewrite. |

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