



DISES Individual Annual Report Questionnaire

Note: all responses should be based on the first project year reporting period: July 1, 2023 to June 30, 2024

Accomplishments

You have the option of selecting “nothing to report” in this section.

What did you accomplish during this first year reporting period in terms of major activities, specific objectives, significant results, and outcomes or other achievements?

Major Activities:

- Attended stakeholder meetings on site and online
- Mentored a graduate student for data collection and preparation, and model creation

Specific Objectives:

- Created three draft SWAT models for Rio Hondo, El Rito, and Alcalde
- Identified modeling issues and fixed data-related ones
- Discussed other issues with the PI and Co-PIs

Significant Results:

Key outcomes or other achievements:

- SWAT models for Rio Hondo, El Rito, and Alcalde

Were you involved in any opportunities for training and professional development provided by the project? If so, please detail these:

No

What do you plan to do during the next reporting period to accomplish the goals?

I plan to collect input and output observed data for calibration of the SWAT models.

NOTE: You may upload PDF files with images, tables, charts, or other graphics in support of the Accomplishments section. You may upload up to 4 PDF files with a maximum file size of 5 MB each.

Products

You have the option of selecting “nothing to report” in this section. There are no limitations to the number of entries you submit and you can also pull information directly from Thomson Search when using the online tool on Research.gov.

Nothing to report

Within the Products section, you can list any products resulting from your participation in the project during the specified reporting period, such as:

Journals:

Books:

Book Chapters:

Thesis/Dissertations:

Conference Papers and Presentations:

Other Publications:

Technologies or Techniques:

Patents:

Inventions:

Licenses:

Websites:

Other Products:

NOTE: You may send Mark any PDF files with images, tables, charts, or other graphics in support of the Products section. You may send up to 4 PDF files with a maximum file size of 5 MB each.

Participants

How many person-months do you estimate that you have worked on this project?

For example, 10% of a 0.5 FTE 12-month calendar year equals 0.6 person months ($12 \times .5 \times .1 = 0.6$)

1.5 months

What other organizations have been involved as partners in your work on the project?

The online service will also ask you for additional information such as:

- Type of Partner Organization
- Name
- Location
- Partner's contribution to the project

Have other collaborators or contacts been involved? If so, please detail (so long as this doesn't conflict with IRB requirements)

No

Impacts

You have the option of selecting "nothing to report" in this section.

What is the impact of your work on the development of the principal discipline(s) of the project?

My work will provide other project collaborators with necessary information for their system dynamics modeling and water resources decision making.

What is the impact of your project work on other disciplines?

My project work will have an impact on community resilience through hydrologic modeling.

What is the impact of your project work on the development of human resources?

My project work will train one graduate student.

What is the impact on physical resources that form infrastructure?

My project work will directly impact physical resources such as irrigation systems by providing the community with water availability information.

What is the impact of your project work on institutional resources that form infrastructure?

My project work will help local governments and communities with their water resources planning.

What is the impact of your project work on information resources that form infrastructure?

My project work can indirectly impact information infrastructure if it is implemented as part of a hydrologic information system, which is beyond the scope of this project.

What is the impact of your project work on technology transfer?

My project work can promote technology transfer if, again, it is implemented as part of a hydrologic information system, but this implementation is out of the project scope.

What is the impact of your work on society beyond science and technology?

My work will have an impact on community resilience by providing the community with water availability information through hydrologic modeling.

Changes / Problems

If not previously reported in writing to the agency through other mechanisms, provide the following additional information or state, "Nothing to Report", if applicable.

Have you made any changes in your approach? If so, what is the reason for change:

No

Concerning your work, are there actual or anticipated problems or delays? If so, have you taken any actions or made plans to resolve them?

No

Have you made any changes that have a significant impact on expenditures?

No

Have you made any significant changes in use or care of human subjects:

No