SCIENCE EVALUATION

Bucket 3 Spill Impact Component

APPLICATION TITLE

LOCATION (IF APPLICABLE)

COUNCIL MEMBER BUREAU OR AGENCY

TYPE OF FUNDING REQUESTED (Planning, Technical Assistance, Implementation)

REVIEWED BY:

DATE:

Best Available Science:

These 6 factors/elements help frame the reviewers answers to A, B and C found in next section:

1. Has the application objectives, including methods used, been justified using peer reviewed and/or publicly available information?

☐ YES ☐ NO ☐ NEED MORE INFORMATION

Comments

2. If information supporting the application does not directly pertain to the Gulf Coast region, are applicant's methods reasonably supported and adaptable to that geographic area?

☐ YES ☐ NO ☐ NEED MORE INFORMATION

Comments

3. Are the literature sources used to support the application accurately and completely cited?

☐ YES ☐ NO ☐ NEED MORE INFORMATION

Comments

4. Are the literature sources represented in a fair and unbiased manner?

☐ YES ☐ NO ☐ NEED MORE INFORMATION

Comments

5. Does the application evaluate uncertainties and risks in the scientific basis for the project/program, including any identified by the public and Council members?

☐ YES ☐ NO ☐ NEED MORE INFORMATION

Comments

6. Does the application evaluate uncertainties and risks in achieving its objectives over time? (e.g., is there an uncertainty or risk that in 5-10 years the project/program will be obsolete or not function as planned given projections of sea level rise?)

☐ YES ☐ NO ☐ NEED MORE INFORMATION

Comments

Based on the answers to the previous 6 questions, and giving deference to the sponsor to provide within reason the use of best available science the following three questions can be answered:

A. Has the applicant made a reasonable determination that the application is based on science that uses peer- reviewed and publicly available data?

☐ YES ☐ NO ☐ NEED MORE INFORMATION

Information Needed:

B. Has the applicant made a reasonable determination that the application is based on science that maximizes the quality, objectivity, and integrity of information (including, as applicable, statistical information)?

☐ YES ☐ NO ☐ NEED MORE INFORMATION

Information Needed:

C. Has the applicant made a reasonable determination that the application is based on science that clearly documents and communicates risks and uncertainties in the scientific basis for such projects/programs?

☐ YES ☐ NO ☐ NEED MORE INFORMATION

Information Needed:

Science Context Evaluation

A. Have other methods been discussed and reasons provided to why the method is being selected (e.g., scientifically sound; cost-effectiveness)?

B. Has your agency/vendor/project manager conducted a project/program like the one proposed?

C. Is there a risk mitigation plan in place for project objectives? (captures risk measures as defined under best available science by the RESTORE Act (Act))

D. Does the project/program consider consequences with implementation? (captures risk measures as defined under best available science by the Act)

E. Does the project/program have clearly defined goals?

F. Does the project/program have clearly defined objectives?

G. Does the project/program have measures of success? (captures statistical information requirement as defined by Act)

H. Is a monitoring program in place to determine project goals, success and help adaptive management (if applicable)? (captures statistical information requirement as defined by the Act)

I. Does the project/program consider recent and/or relevant information? (captures statistical information requirement as defined by the Act)

J. Has the project/program evaluated past successes and failures of similar efforts? (captures the communication of risks and uncertainties in the scientific basis for such projects as defined by the Act)

Please summarize any additional information needed below: