**CT Institute of Water Resources/United States Geological Survey FY2023 104b Application**

1. **Title.** Concise but descriptive.
2. **Project Type.** Choose from the following: Research, Information Transfer, Information Management System, Education, or Other (please specify).
3. **Focus Categories.** Choose a maximum of three focus categories from the list provided (Attachment A), with the most preferred focus category first.
4. **Research Category.** Choose from the following the one category that most closely applies: Water Scarcity and Availability, Water Hazards and Climate Variability, Water Quality, Water Policy, Planning, and Socioeconomics, Watershed and Ecosystem Function, Water Technology and Innovation, or Workforce Development and Water Literacy.
5. **Keywords.** Enter keywords of your choice descriptive of the work.
6. **Start Date.** Requested start date: 9/1/2023
7. **End Date.** Requested end date: 8/30/2024
8. **Principal investigator(s).** Provide name, academic rank, university, email address and phone number of the principal investigators.
9. **Congressional District** of the university where the work is to be conducted.
10. **Abstract.** Provide a brief (one-page) description of the problem, methods, and
objectives.

**<TEN PAGE LIMIT BEGINS HERE>**

1. **Statement of regional or State water problem**. Include an explanation of the need for the project, who wants it, and why.
2. **Statement of results or benefits**. Specify the type of information that is to be gained and how it will be used.
3. **Nature, scope, and objectives** of the project, including a timeline of activities.
4. **Methods, procedures, and facilities**. Provide enough information to permit evaluation of the technical adequacy of the approach to satisfy the objectives.
5. **Related research**. (Research projects only) Show by literature and communication citations the similarities and dissimilarities of the proposed project to completed or on-going work on the same topic.
6. **Training potential**. Estimate the number of graduate and undergraduate students, by degree level, who are expected to receive training in the project.
7. **Budget Breakdown**, EXCEL fillable form
8. **Budget Justification**, fillable PDF form
9. **Investigator’s qualifications**. Include resume(s) of the principal investigator(s). No resume shall exceed two pages or list more than 15 pertinent publications.

**ATTACHMENT A: FOCUS CATEGORIES**

ACID DEPOSITION ACD
AGRICULTURE AG
CLIMATOLOGICAL PROCESSES CP
CONSERVATION COV
DROUGHT DROU
ECOLOGY ECL
ECONOMICS ECON
EDUCATION EDU
FLOODS FL
GEOMORPOLOGICAL PROCESSES GEOMOR
GEOCHEMICAL PROCESSES GEOCHE
GROUNDWATER GW
HYDROGEOCHEMISTRY HYDROGEO
HYDROLOGY HYDROL
INVASIVE SPECIES INV
IRRIGATION IG
LAW, INSTITUTIONS, AND POLICY LIP
MANAGEMENT AND PLANNING M&P
METHODS MET
MODELS MOD
NITRATE CONTAMINATION NC
NON POINT POLLUTION NPP
NUTRIENTS NU
RADIOACTIVE SUBSTANCES RAD
RECREATION REC
SEDIMENTS SED
SOLUTE TRANSPORT ST
SURFACE WATER SW
TOXIC SUBSTANCES TS
TREATMENT TRT
WASTEWATER WW
WATER QUALITY WQL
WATER QUANTITY WQN
WATER SUPPLY WS
WETLANDS WET