**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