

Agenda Item: Impact Database Update

Presenters: Bill Brown and Eric Young

The ESCOP Impact Database Working Group (Bill Brown, Chair (UTIA), Cathy Gant-Hill (NC A & T), Sarah Lupis (WAAESD), Dave Benfield (OSU), and Eric Young (SAAESD)) were charged last July “to consider mechanisms, including the ECOP Strategic Opportunities and Measuring Excellence System, for collecting and making readily available to NIFA, other federal agencies, AES and CES directors, and others information on impacts of AES research”. The Working Group’s recommendation to ESCOP was that ESS joins CES in utilizing the impact database that has been developed at TAMU to make available for search and retrieval impact statements of AES research. This recommendation was unanimously approved at the Nov 11 ESCOP meeting in DC.

The estimated cost to ESS for development of the research impact portion of the database at TAMU will be \$12,500 for the first year. This will include development, testing, and implementation of the system; ESS’s share of developing a 'Land-Grant' public front-end web site; and other modifications of the current sites to reflect the whole land-grant system. This expenditure was approved by the Section in a vote conducted in mid-January. An invoice for the development work will be sent in late summer or fall of 2014. Continuing maintenance cost for ESS is expected to be approximately \$2,000 to \$2,500 total per year after the development phase is complete.

The Extension/Research impact database development is being led by Scott Cummings (Texas A&M AgriLife Extension Service) and his IT group at TAMU. Database development is now being guided by an integrated steering committee, the National Impact Database Committee, chaired by Tim Cross (UTIA). Other members include: Bill Brown (UTIA), Eric Young (SAAESD), Tom Coon (OSU), Jenny Nuber (kglobal), Faith Peppers (UGA), and Scott Cummings (TAMU). This group is charged with advising Scott on such aspects as web page and input screen components, URL name, categorization and tags, search capabilities, output format, etc.

The committee considered a number of URL’s and, on kglobal’s advice, decided on landgrantimpacts.org. Jenny Nuber said it was important in this case for the URL to indicate exactly what the web site is so that it will come up first on a Google-type search. This URL can be changed in the future if a better name is identified. The research impact input page is being designed to accommodate appropriate fields and cataloging options for research. A mock-up of this page is shown below.

The front end web site will have an advanced search option that allows the user to search on any of the field parameters shown in the input page (ex. research or extension, institution, state, funding source, challenge area, etc). Also on the front end will be broad integrated categories and tags under those categories that will allow a user to narrow their search by subject matter. These categories and tags were derived from an integration of the goals and objectives from the ESCOP’s Science Roadmap and ECOP’s Strategic Opportunities documents. The current list of categories and tags is shown below.

The quality control point for the impact statements being entered is at the CES and AES directors’ level. Each director will designate one or more imputers and they will be the only ones with access to the input site. The directors are responsible for assuring their designated imputers are trained in writing impact statements. Periodically, a committee will evaluate quality of the impact statements contained in the database and give feedback to the directors and imputers.

ADD AN IMPACT STATEMENT

Institution

Texas A&M AgriLife Research

State

Texas

Region

Southern

Title

Issue: A statement of the problem or issue being addressed by the research.

(max 1,000 characters, 1,000 remaining)

Resolution: Statement of how this project or activity is contributing to finding a solution to the problem or addressing the issue and what was learned.

(max 1,000 characters, 1,000 remaining)

Impact: Statement of the impact (not outputs or outcomes) of this project or potential impact if the project is successful.

- Quantifiable difference in economic, environmental, or social quality of life
- Significant change in understanding or technology within a discipline
- Measurable benefits to those who utilize the knowledge or technology

Please check the box below if you (Scott Cummings) are the Primary Contact for this statement. Otherwise, please fill in the Primary Contact information below.

Primary Contact - Name

Primary Contact - Email

Primary Science Roadmap Challenge Area

None Selected



Secondary Science Roadmap Challenge Area

None Selected



Tags

Save

Statement Year

2013



Primary Funding Sources (choose all that apply)

Capacity Funds



Resource Links

Add Link

Statement Synopsis (130 characters)

For social media, rss, etc.

(max 130 characters, 130 remaining)

Funding Sources Drop-down List –

- Hatch Regular
- Hatch Multistate
- Evans-Allen
- 1994 Research
- Animal Health
- AFRI
- Other USDA Grant
- Non-USDA Federal Grant
- State Appropriations
- Industry Grant, Contract, or Gift
- Other Private Grant, Contract, or Gift
- Other

Challenge Area Drop-down Lists –

- Sustainability, competitiveness, & profitability of U.S. food & agricultural systems
- Adaption & mitigation of climate change impacts on food, feed, fiber, & fuel systems
- Energy security & bioeconomy from renewable natural resources
- Safe, secure, & abundant food supply for U.S. and world
- Human health, nutrition, & wellness of U.S. population
- Environmental stewardship through sustainable management practices
- Individual, family, & community development & resilience

Categories and Tags

Food Security

Productivity
Plant and Animal Improvement (breeding & genomics)
Reduced Chemical Use
Nutritional Value
Food Availability
Food Affordability
Plant and Animal Food Products
Chronic Disease Prevention and Management
Food Safety
Food Preservation
Food Supply Systems

Nutrition & Health

Human Health
Genomics
Nutrient Delivery Systems
Physical Activity
Wellness
Human Nutrition
Chronic Disease Processes
Functional Foods

Youth, Family & Communities

Economic Development
Community Development
Leadership
Technology Use
Financial Management
Entrepreneurship
STEM
Youth Development & 4H

Environmental Stewardship

Environmentally Sustainable Ag Systems
Ecosystem Services
Pest Control
Stewardship
Energy Conservation
Water Quality
Water Availability
Water Conservation
Waste Management

Agricultural Systems

Alternative Agriculture
Food Systems
Fiber Systems
Profitability & Competitiveness
Climate Change
Sustainability
Crop Management
Livestock Management
Integrated Pest Management
Economic Modeling
Irrigation
Local Foods

Energy & Bioproducts

Bioproducts
Biofuels
Biomass
Biofuel Incentives
Energy Technologies
Energy Efficiency & Conservation