

2019 ESCOP Business Meeting

Deb Hamernik, Chair
George Hopper, Chair-Elect
Gary Thompson, Past Chair

Nashville, TN
September 25, 2019



Experiment Station
Committee on Organization
and Policy (ESCOP)

2019 ESCOP Chair's Initiatives

- Engage with USDA NIFA, other federal funding agencies, and FFAR to develop new funding opportunities to support the Grand Challenges in Food and Agricultural Research Roadmap Briefs
- Enhance strategic partnerships with traditional and nontraditional groups to advocate with a unified message
- Enhance organizational multicultural awareness and inclusivity
- Encourage continued excellence of all ESCOP committees, task forces, and work groups

Actions of the Chair

Visits with Stakeholders in Washington, DC:

- Deb Hamernik, ESCOP Chair; Jeff Jacobsen, NCRA ED
- Ed Jones, ECOP Chair; Rick Klemme, ECOP ED

Federal Agencies:

NIFA
NRCS
OSTP
USAID
USDA ARS

Advocacy Groups:

NC-FAR
AGree
SoAR

Elected Officials (bipartisan staff):

U.S. House Ag Staff
U.S. Senate Ag Staff

Science Societies:

Agronomy, Crop & Soil Sciences
AAVMC
ADSA
ASN
ASPB
ESA (Entomology)
FASS

Other Partners:

APLU
AIHEC
FFAR
National Academies
NASDA



STRENGTHENING INDIVIDUAL, FAMILY & COMMUNITY RESILIENCE

Economic, environmental, and social change in rural America. Industries that have historically provided a majority of employment opportunities, and the natural resource-based businesses, and the experiences of aging populations, and the structures, information, and judgments of local businesses, utility providers, schools, and others. With continued support and investment, the Land-grant University system is poised to address these challenges through research, extension, and community development.

- RESEARCH PRIORITIES**
- Robust data about rural people and places
 - Models to analyze complex interactions between economic, environmental, and social drivers in rural areas

ENVIRONMENTAL STEWARDSHIP & SUSTAINABLE PRACTICES

During the past two centuries, expanding populations and food production have depleted natural resources and degraded ecosystem services like fresh air, clean water, and recreation, and others that we rely on. We must reinvent our agricultural systems and practices so that they are not only productive enough to meet the demands of growing populations, but also guarantee long-term support and health and sustainability. With continued support and investment, the Land-grant University system is poised to train scientists, engineers, and farmers to think about complete systems and develop sustainable management practices that heighten environmental stewardship.

- RESEARCH PRIORITIES**
- Improve systems-level data analysis and modeling tools
 - Assess the value of ecosystem services
 - Develop plants and livestock that require fewer non-petroleum inputs
 - Manage water and runoff
 - Reduce use of chemicals that cause environmental health
 - Reduce carbon footprint

ENSURING A SECURE & ABUNDANT FOOD SUPPLY

Nationwide, food supply systems are challenged by rapid population increases, environmental degradation, agricultural labor shortages, and food safety concerns. With continued support, Land-grant Universities provide the interdisciplinary teams, systems-level technological innovation, and leadership to address the challenges of developing the secure, and abundant food supply.

RESEARCH PRIORITIES

- Enhance food and livestock productivity and nutritional value
- Create novel food sources
- Discover and enhance plant compounds that prevent diseases
- Improve food systems, including processing and packaging
- Institutions in all 50 states with research site communities, and State-of-the-art facilities

THE BIOECONOMY

Producing renewable energy, fuels, chemicals, and products from biomass offers opportunities to reduce demand while reducing agricultural waste, lowering reliance on fossil fuels, and creating revenue in rural America. Research and innovation are needed to develop biomass production systems that are and logistically possible in diverse settings, with food, feed, and fiber production, and environmental impacts. With continued support and investment, the Land-grant University system is poised to address the challenges of developing the bioeconomy through research, extension, and community development.

RESEARCH PRIORITIES

- Reliable methods and data for cost-benefit analyses of biofuels and bioproducts
- New and improved biomass feedstocks
- Efficient processing technology
- Institutions in all 50 states with research site communities, and State-of-the-art facilities

ADAPTING TO & MITIGATING THE IMPACTS OF CLIMATE CHANGE

Around the world, agriculture faces the challenge of adapting to and mitigating the impacts of climate change on food, feed, fiber, and fuel systems. Farmers and scientists have already documented intense heat waves, prolonged droughts, more frequent extreme weather, and other changes that impact crop yield, animal production, pest, disease, and weed populations, and other aspects of agriculture. With continued support, the Land-grant University system is poised to address these challenges through research, extension, and community development. We must act now to establish global partnerships and invest in research and technology that will mitigate the impacts of climate change in economically feasible, environmentally sound, and socially acceptable ways.

RESEARCH PRIORITIES

- Reduce greenhouse gas emissions and improve carbon sequestration on agricultural lands
- Collect robust data for climate modeling and predictions
- Develop decision-making tools that account for variability and uncertainty
- Institutions in all 50 states with research site communities, and State-of-the-art facilities

SUSTAINABILITY, FOOD COMPETITIVENESS & PROFITABILITY OF AGRICULTURE

Rising energy costs, frequent extremes in weather, and social changes affect agricultural productivity, food security, and economic viability. Even in the absence of these factors, a business-as-usual approach to agriculture will continue to degrade soil, water, air, and other natural resources. Now more than ever, we must enhance the sustainability and economic viability of our agricultural systems. With continued support, the Land-grant University system is poised to address the challenge-area. Doing so will require investment in interdisciplinary systems-level research and development of comprehensive datasets and holistic-analytical tools.

RESEARCH PRIORITIES

- Reduce the carbon footprint of agriculture
- Improve the energy efficiency of agricultural systems
- Enhance crop and livestock productivity
- Improve soil health
- Find new ways to conserve water
- Develop non-chemical pest and weed control
- Improve producer profitability
- Institutions in all 50 states with research site communities, and State-of-the-art facilities

GRAND CHALLENGES IN FOOD & AGRICULTURAL RESEARCH

Addressing Issues Through Our Land-grant Universities & ...

Actions of the Chair

Letters:

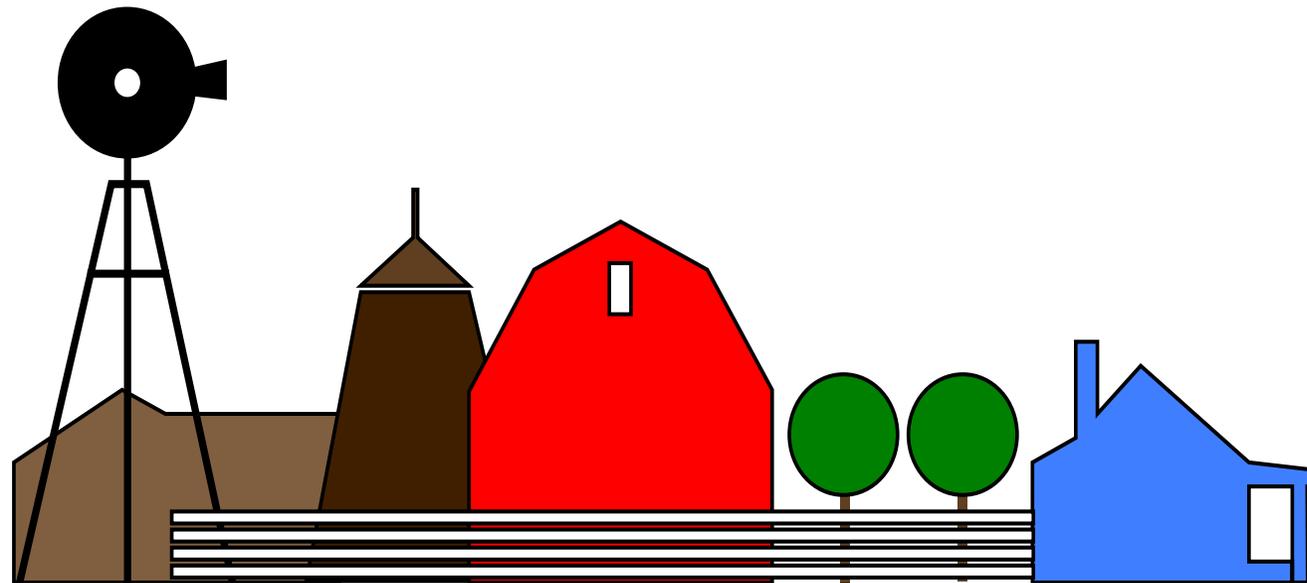
- Joint letter from ESCOP and ECOP to Farm Bill Implementation Committee
- Letter of support for eXtension for NSF grant
- Letter to Doug Steele (APLU, VP FANR) on CMC next steps
- Letter to Scott Angle on SCRI matching
- Joint letter from ESCOP and ECOP to Doug Steele (APLU, VP FANR) on new budget priority process and timing
- Joint letter from ESCOP and ECOP to Scott Angle on competitive/capacity funds, multi-year RFAs, OIG Audit findings, staffing, NIFA relocation and more
- Joint letter from ESCOP and ECOP to Steve Loring (CMC Chair) on plans for hiring consultant/strategist and Director, Communications and Marketing

Actions of the Chair

Miscellaneous:

- Secured commitment from NIFA to support 1994 representative engagement with ESCOP
- Submitted nomination for NIFA Hall of Fame
- Comments to NIFA on NIFA positions to stay in DC and interest in serving on informal advisory group to NIFA
- Appointments to ESCOP Committees, NIDB, LEAD21 Board of Directors, etc.
- Participate on calls with Scott Angle and Section leadership to enhance communications

Questions?



ESS FINANCIALS (2019)

CUMULATIVE RESERVES (CY start)		\$585,560	
	INCOME	CY2019 APPROVED	2019 ACTUAL (09/19)
CY2019 CMC Assessment (kglobal and CGA)		\$200,000	\$199,751
	EXPENSES		
CMC (kglobal and CGA)		\$133,333	\$56,522
ESCOP Promotion (e.g., Ag on the Hill, SoAR, Chair, Travel)		\$10,000	0
Diversity Catalyst Committee (Award, Travel)		\$5,000	0
ESCOP Training		\$5,000	0
Meeting Support (2018 ESS, 2019 Joint COPs)		\$10,000	0
ESCOP Website		\$2,000	0
National Impact Database (TAMU hosted)		\$12,500	\$12,500
National Impact Database Writing Committee (Travel)		\$5,000	\$781
NC-FAR Membership		\$1,000	\$1,000
Printing (APLU, Grand Challenges Briefs)		\$15,000	0
NRSP RC Stakeholder (Travel)			\$875
TOTAL EXPENDITURES [YTD]		\$198,833	\$71,678
NET BALANCE [YTD]		\$1,167	\$128,073

ESS FINANCIALS (2019) AND BUDGET (2020)

CUMULATIVE RESERVES (CY start)		\$585,560	\$585,560 +
INCOME	<u>CY2019 APPROVED</u>	<u>2019 ACTUAL (09/19)</u>	<u>CY2020 PROPOSED</u>
CY2019 CMC Assessment (kglobal and CGA)	\$200,000	\$199,751	\$200,000
EXPENSES			
CMC (kglobal and CGA)	\$133,333	\$56,522	TBD
ESCOP Promotion (e.g., Ag on the Hill, SoAR, Chair, Travel)	\$10,000	0	\$10,000
Diversity Catalyst Committee (Award, Travel)	\$5,000	0	\$5,000
ESCOP Training	\$5,000	0	\$5,000
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NET BALANCE [YTD]	\$1,167	\$128,073	

VOICE VOTE
2020 ESCOP BUDGET
(without CMC expenditure)



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ESS Rules of Operation

General and Housekeeping Changes approved at Joint COPs (<http://escop.info>, last amended 9/21/2016)

Substantive Changes *(rationale)*

- 1) Defined and identified functional membership of ex-officio, liaison, and with voting privileges or not and throughout with standing committees *(not identified consistently throughout document)*
- 2) Deleted the Nominating Committee and the Resolutions Committee *(do not exist, outlined current practices)*

ESS Rules of Operation

Substantive Changes *(rationale)*

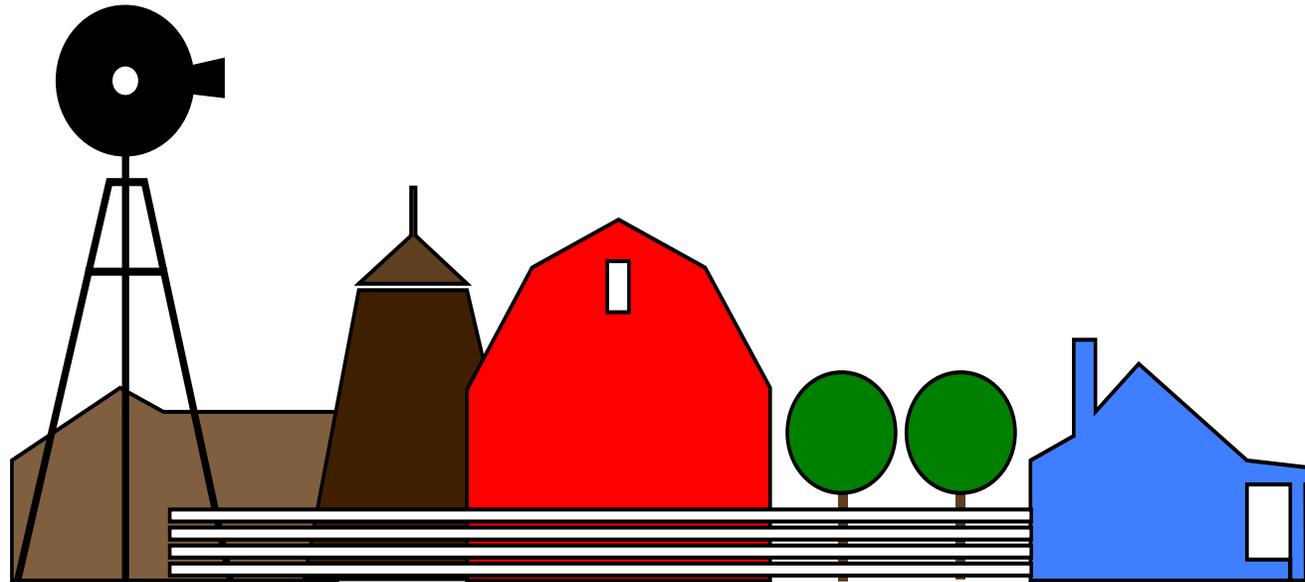
- 3) Added the Diversity Catalyst Committee (DCC), National Plant Germplasm Coordinating Committee (NPGCC) and Chair memberships to appropriate ESCOP Committees *(new committee and recognition of key standing committees)*
- 4) Added a mechanism for electronic voting processes and added proxy voting processes and criteria *(reflects existing practices, technology and desired practices)*

ESS Rules of Operation

Substantive Changes *(rationale)*

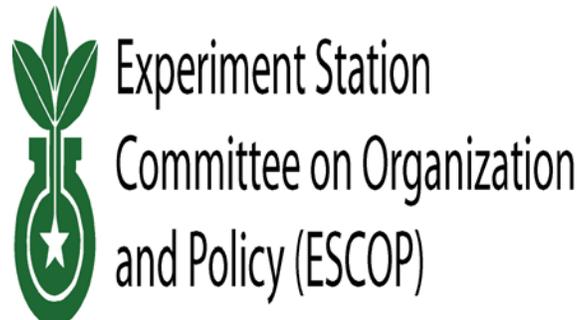
- 5) Updated the additional responsibilities of the BLC Chair with BAC and CLP, and the national award responsibilities to DCC and STC *(improve continuity and impact, added current practices)*
- 6) Deleted CMC presence throughout the Rules of Operation (*CMC is no longer an ESCOP Standing Committee, CMC is an ad hoc committee of the BAA PBD*)

Questions?



VOICE VOTE

All 6 Changes to ESS Rules of Operation



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