Next Generation Extension – Learning For Leaders

A Leader’s Guide to Natural Disasters

April 5, 2019

Ed Jones, ECOP Chair
Effectively Utilizing our EDEN Network

• Nick Place – University of Florida Dean and Director of Extension, ECOP Liaison to EDEN
• Cheryl Skjolaas – University of Wisconsin, Chair of EDEN
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• Ashley Mueller – University of Nebraska-Lincoln
Focusing Extension On Disaster Education

EDEN
EDEN History

• 1993 Midwest floods –
• USDA CSREES grant to Iowa, Illinois & Missouri
• North Central Region committee
• Quickly evolved into a national system of collaboration and support
EDEN Mission

Reduce the impact of disasters through research-based education
**EDEN Mission**

- Networking EDEN delegates and other Extension professionals
- Providing timely, credible information
- Connecting with federal, state, and local agencies; and organizations
- Anticipating future disaster education needs

Mississippi, 2018
EDEN Membership

• Extension Serving Institutions each have a Point of Contact (POC) and institutions determine delegates
  • 1862 Land-Grant Institutions
  • 1890 Land-Grant Institutions
  • Sea Grant Extension Programs

• Non-Extension Delegates
  • Affiliate Delegates
  • Affiliate Institutions
  • Retiree Delegates

2019 EDEN Executive Committee
Early Milestones

1993 Midwest floods - Iowa, Illinois & Missouri
1997 USDA grant to CES NCR Committee
1998 Named the “Extension Disaster Education Network (EDEN)”
2002 CSREES (now NIFA) general support and training grant
2005 All 50 states and 3 territories have institution members
Current Focus

• USDA NIFA Cooperative Agreement awarded to Purdue Extension, October 2018, as part of Food and Agriculture Defense Initiative (FADI) funding
  – Listening Sessions and Advisory Council
  – Competitive grants for EDEN resource development

• Program Area Committees
  – Agriculture and Natural Resources
  – Family Consumer Science and 4-H/Youth Development
  – Community Economic Development

• 1890 Advisory Group focused on resources for underserved populations
Current Focus

- Professional Development for Extension Staff
  - Annual Meeting
  - Webinars
- Communication
  - Website (eden.lsu.edu)
  - Newsletter
- NEW USDA NIFA Knowledge Area 807
All Disasters Are Local

Wisconsin, 2018
Extension Disaster Education

Disaster Phases

- Preparedness
- Mitigation
- Response
- Recovery

Response Notes
http://bitly.com/EDENResponseNotes

Texas, 2017
A tale of two storms: University of Florida Institute of Food & Agricultural Sciences’ (IFAS) Response to Hurricanes Irma & Michael
Hurricane IRMA September 2017

- Landfall twice on 9/10/2017
- Category 4 Hurricane – Keys; Category 3 at Marco Island
- Measured wind speeds 120-142 mph
- Second most powerful storm in velocity & duration
- Hurricane winds covered 80 miles; tropical storm winds 400 miles
- 32 of Florida’s rivers and creeks flooded
- 18 tornados
- 7,000 shelters
- 54 counties ordered evacuation orders (6.5 million evacuated)
- 6.7 million homes w/out power (64% of state)
- 84 related deaths
- $60 Billion in costs – one of costliest storms in country
Efforts Pre, During, & Post Irma

- Information out to communities
  - Internal documents
  - Utilizing info from EDEN partners
- Working with state & federal emergency management (FEMA)
- Meeting needs for info./supplies/etc. at County Extension offices & w/in communities
- Talking with EDEN partners re:
  - Lessons learned (Texas A&M – Harvey)
  - Sharing information
  - EDEN Conference October 2018
- Development of GroupMe text for Extension family
- Needs/Gaps form for areas
- Mental Health Assessments
- Disaster Plans/COOP Plans –
  - EDEN templates
Hurricane Michael
October 2018

- Made landfall on October 10, 2018
- Mexico Beach, FL (east of Panama City)
- Maximum sustained winds of 155 mph
- Strongest hurricane on record to make landfall in FL Panhandle
- 4th most powerful hurricane to hit US
- Damage from wind and storm surge
- 43 deaths
Efforts Pre, During, & Post Michael

- Personally Impacted 84 Faculty and Staff & their families across 11 County Extension Offices
- Worked with state emergency management
- Utilized EDEN partners information to distribute to impacted areas
- Relied heavily on EDEN partners for advice and BMP for working with FEMA
  - Four county offices served as distribution points
  - County offices were used as Points of Distribution (PODs)
  - Five county offices set-up as FEMA sites
- Agriculture assessments
  - BMPs from EDEN partners
- EDEN Annual Conference during recovery
  - Donations
  - Virtual Presentation
  - Information and overall support
State Animal Response Team (SART) distribution and donation sites in Washington, Jackson, Liberty, and Calhoun
Ellet Valley Room
FAMU Cooperative Extension
Hurricane Michael Recovery Efforts

• FAMU Cooperative Extension provided the “human care element” to victims of Hurricane Michael.

• To meet immediate needs, FAMU Cooperative Extension hosted a series of disaster recovery events in impacted areas in Bay, Franklin and Gadsden Counties.

• These activities included serving hot meals, hosting donation drive and providing guidance to accessing recovery resources through social media, seminars and one-on-one consultations.
FAMU Cooperative Extension
Hurricane Michael Recovery Efforts

HOST: HURRICANE MICHAEL DONATION DRIVE

Requested Items:
Non-perishable items, can openers, paper products, hand sanitizers, personal hygiene items (men and women), baby items (diapers, lotion, wipes, etc), jackets/sweatshirts, men/women underwear, socks, coloring books, drawing pads, crayons and other school supplies.

November 5-16, 2018
8:30 A.M.– 5 P.M.

Drop off locations:
Smith-Williams Service Center
2295 Pasco Street, Tallahassee, FL 32301
FAMU Cooperative Extension Program Office
Room 215, Perry-Paige Building
Note to Extension Directors & Administrators

• Know & understand the value of this national network to your state & institution
• Are your POCs and Delegates up-to-date?
• Ensure that your Faculty/Agents are engaged and empower them to be actively involved
• Let us know of questions that you have, and ways that we can support you
Questions and Discussion
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www.extension.org/ecop