SBAR OVERVIEW
(SUSTAINABLE BIO-ECONOMY FOR ARID REGIONS)
Kim Ogden
Overview


Sustainable Feedstock Production

Feedstock Development

Inputs
- Seeds
- Irrigation
- Nutrients
- Herbicides
- Pesticides

Plants
- Guayule
- Guar

Transportation
- Harvest
- Storage
- Aging

Specialties
- Polysaccharide
- Rubber
- High-Value Derivatives

Fuel
- Jet Fuel
- Gasoline
- Diesel

Social, Economic & Environmental Sustainability

Feedback

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Agenda

- Introductions
- Personnel
- Accomplishments
- New Projects
- Retreat Overview
Personnel (as of Jun 2019)

- Kim Ogden – Principal Investigator & Project Director
- Alix Rogstad – Project Director (Operations)
- Colleen McMahan – Associate Project Director
- Dennis Ray – Feedstock Development & Production
  - Pete Waller
- Catie Brewer – Post-Harvest Logistics & Co-Products
- Jason Quinn – System Performance & Sustainability
- John Idowu (NM) & Blase Evancho (AZ) – Extension & Outreach
- Sara Chavarria - Education

- Key Collaborators 23
- Professional Staff 39
- Postdocs 6
- Graduate Students 31
- Undergraduates 36
- Graduate Fellows 13
- Interns 8
- ACTIVE TOTAL 152
- Past Participants (51)

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Accomplishments

- Publications: 1 in press, 1 submitted, 1 conference
- Presentations: 104

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Accomplishments

- Patents, Licenses 2
- Brochures, Factsheets 14
- Press Releases/News 8
- Tabling Events/Workshops 25 (2,300 participants)
- Website
  - 3,319 unique sessions (4H, Youth Art, Fellowships, General Description)
  - 43 different countries
  - 20 different states

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Accomplishments

- Youth Activities

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New Projects

● Process
  - Submittal of new ideas
  - Review by Executive Team
  - Review by Advisory Board
  - Award

● Results
  - Stress Irrigation Study – UA & Bridgestone
  - Thresher – NMSU
  - CO₂ Solvent Extractor – NMSU
  - Model Integration – CSU

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Retreat Overview

- Accomplishments per Component Team
  - Presentation by Team LEAD
  - Posters
- Student Challenge – SBAR InFO
- Interdisciplinary Working Sessions (4 Total)
  - Facilitated Pre-assigned groups
  - Identify opportunities to integrate project
  - Report out to identify and prioritize key points for action
- Advisory Board Feedback

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