

**MSU's  
Montana Agricultural  
Experiment Station  
(MAES)  
and its 7 Agricultural  
Research Centers  
(ARC)**



# MSU's Agricultural Experiment Station (MAES) working for Montana

On average, 60-70% of all wheat varieties grown in MT are from MSU MAES.

Annual production of peas, lentils and other pulses reached nearly 800,000 acres in 2015.

MAES conducts its own research & research in cooperation with the USDA to benefit Montana's 2.5 million head of cattle.





# Montana Forest & Conservation Experiment Station

[cfc.umt.edu/research/mfces](http://cfc.umt.edu/research/mfces)

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UNIVERSITY OF  
**MONTANA**



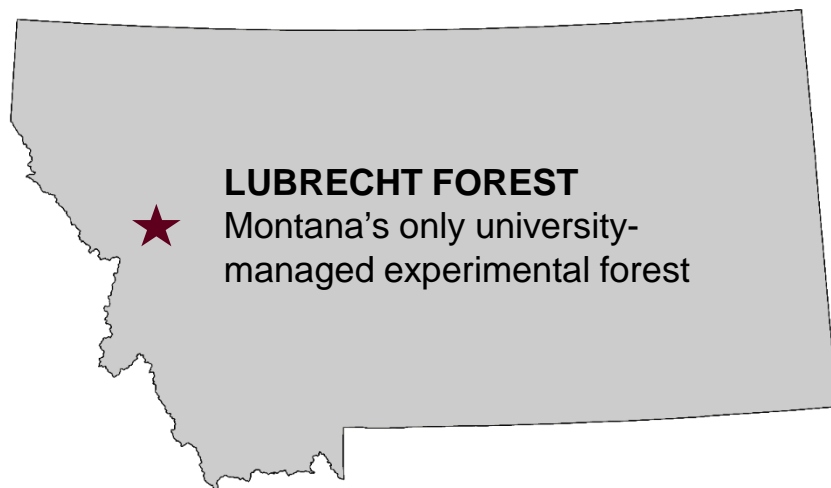
## Montana Forest and Conservation Experiment Station **RESEARCH THAT MAKES A DIFFERENCE**



With the state's investment of approximately \$1 million per year, the MFCES leverages an additional \$13 million in external funds from federal, state and private sources.

125 scientists, research assistants and graduate students are employed by the MFCES.

- > Water availability
- > Understanding wildfire
- > Forest management
- > Wildlife



The MFCES has more than \$30 million in active external grants from federal agencies; more than \$5 million from other sources (universities, foundations, etc.) and \$600,000+ from McIntire-Stennis, a USDA grant program.

# Fire Services Training School

*Building capacity in local governments  
to protect lives and property*



# Fire Services Training School

- Protects every community in Montana
- 381 Fire Departments
- 10,000 fire fighters (96% are volunteers)
- Provides professional certification to fire fighters
- Certifications are internationally accredited by two bodies
- More than 500 training sessions
- Trained more than 6,700 fire fighters





# MIBMG

Montana Bureau of Mines and Geology



Deep in the heart of Butte: A special report on the Parrot



Ennis Geraghty to discuss the "Geology of the Stillwater Complex" at a special MBMG lecture at the Mineral Museum —Montana Standard

Geologist: Recent Shakes Reveal 'Earthquake Country' —Flathead Beacon

in Valley w  
Geology of the  
Stillwater Complex

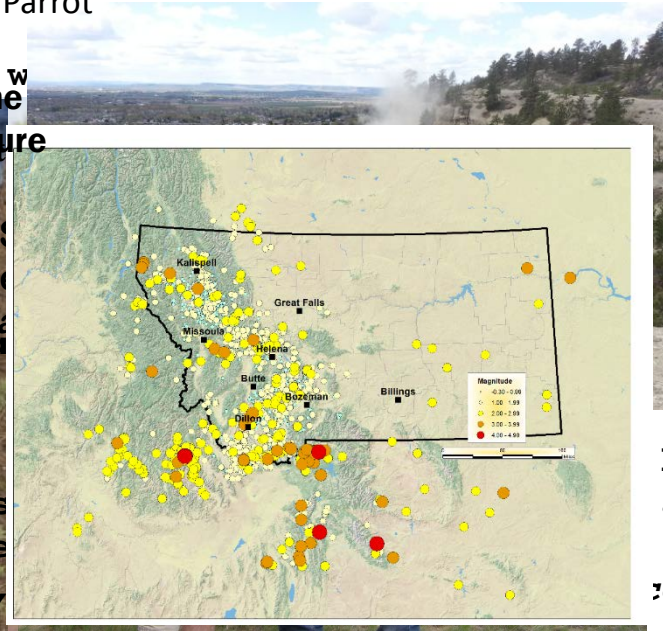
**MBMG** SEMINAR SERIES  
 Geology of the Stillwater Complex, Montana  
 Ennis Geraghty, Senior Project Geologist  
 Stillwater Mining Company



Thursday, October 15, 2015 4:00 p.m. Mineral Museum

Ennis Geraghty will present "Geology of the Stillwater Complex, Montana" at a special MBMG lecture to introduce the new geology and mineral displays at the Mineral Museum. Ennis Geraghty, Ph.D., is a Senior Project Geologist with Stillwater Mining Company and the 2014 recipient of the State Sutherland Award for long-term significant contributions to the understanding and development of the geology and groundwater resources of Montana. He published the 2013 Geologic Map of the Stillwater Complex within the Bearfoot Mountains from Laramide Thrust Zone, South-Central Montana. Montana Bureau of Mines and Geology Open File Report 645.

Visitors may park beside the Chemistry and Biology Building and in the lots south of the building. Handicapped parking and elevator access are between the Museum Building and the Chemistry and Biology Building on the south side. Shuttle service from the north parking lot of the Natural Resources Building will be available. Pick up at 3:45 p.m. This lecture is free and open to the public.



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What do we do?

If it's related to natural resources in Montana, we do it.

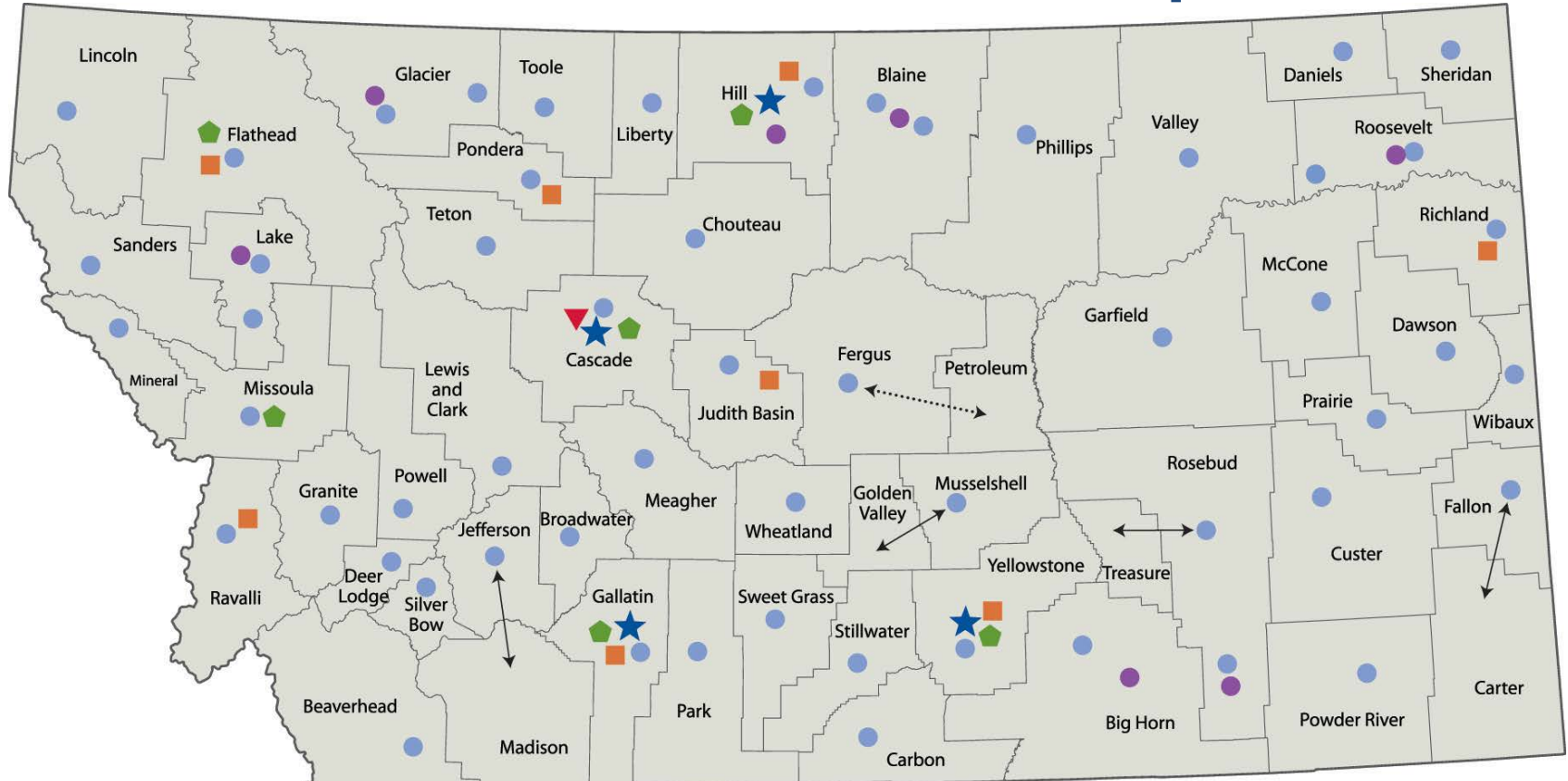








# The Entire State is our Campus



- Extension Office
- Tribal College Affiliate
- Montana Agricultural Experiment Station
- ▼ MSU Extension Fire Services Training School
- ⬠ MSU Nursing Campus
- ★ MSU Campus
- ↔ Extension Two-County Agreement
- ⋯↔ Local Extension Affiliate





## Agriculture and Natural Resources

- Horticulture
- Small acreage
- Forestry
- Water quality
- Production agriculture
- Farm and ranch management
- Diagnostic and testing laboratories



## Community Development

- Community resource development
- Governance and citizen leadership
- Emergency/disaster planning and management



## Family and Consumer Science

- Family economics
- Food and nutrition
- Housing and environmental health
- Family and human development
- Community health



## Youth Development through 4-H

- Citizenship
- Healthy living
- Science, technology, engineering and math (STEM)