

Lake States Fire Science Consortium

lakestatesfiresci.net

A JFSP KNOWLEDGE EXCHANGE CONSORTIUM



Read it onscreen for active web links

volume 1 issue 3

OUR MISSION

Accelerate the awareness, understanding, and adoption of wildland fire science information by federal, tribal, state, local, and private stakeholders in Michigan, Minnesota and Wisconsin.

CONTACT US

- Charles Goebel,
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- Robert Ziel,
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MONITORING WILDLAND FIRE: WHO WANTS TO KNOW?

Is there enough information about your burn out there? Could you use what has happened elsewhere as part of your study or your report? Help us promote a basic fire monitoring protocol. Then collect and share information about your fire as part of the effort.

Ecosystems are being evaluated and described each day as part of planning and analysis efforts as part of inventory programs such as Forest Inventory and Analysis (FIA), Forest Health Monitoring, and as part of everyday management practices.

Wildland fires are already reported through a variety of environments such as the Wildland Fire Decision Support System (WFDSS) and Geographic Area Situation Reporting.

But do any of these monitoring protocols capture the fire environment that the fire burns through, the fire event itself and its fire behavior, and the first order fire effects that include fuel consumed,

smoke produced/dispersed, and the immediate effects on vegetation, soils and water quality?

Our effort needs your participation. We intend to outline and advance a tiered set of monitoring practices from existing protocols that will aid members as they ensure their own agency requirements are met.

We hope to learn from practitioners and scientists about:

- photographic techniques
- severity descriptions
- fuel inventory and/or description
- long term monitoring needs

Contact Robert Ziel (ziel.4@osu.edu) if you want to get involved.



We've launched our web page

We hope that you'll use our website like a storefront, visiting whenever you have a question we might be able to answer. Initially, it will provide you with links to our webinars and newsletters, a calendar of events you can contribute to and participate in, and information about contacts and projects we are pursuing. Take a look. Contact us if you have problems viewing, linking, or downloading any part of what you find there.



<http://lakestatesfiresci.net>

OUR ADVISORY BOARD TO BE FORMED

As we develop the Lake States Fire Science Consortium, we are looking to land management practitioners and policymakers who support the application of science to emerging issues as they impact fuels, fire, and forest management to help lead the effort. We hope to bring together leaders with backgrounds that include: wildland fire management, silviculture, wildlife habitat management, ecological resources, risk management and wildland fire policy.

As a group, the Advisory Board will play the critical role of ensuring that Consortium priorities are those that will benefit practitioners and support decision-making where fire and fuels management is a consideration.

Participation will likely include a two to three year commitment with periodic meetings that will be planned to accommodate limits on your travel. **Contact Robert Ziel at ziel.4@osu.edu if you are interested.**

GREG CORACE

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As Forester for the Fish & Wildlife Service in the region, Greg plans and conducts training, research, management, and monitoring of wildlands in the upper midwest. His work targets restoration of fire dependant ecosystems here.



ERIC TOMAN

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Eric is focused on examining citizen attitudes toward fire and fuel management practices, evaluating communication strategies to build understanding and influence behavior, and evaluate partnerships as methods of accomplishing fuel management objectives.



LAKE STATES FIRE SCIENCE ADMINISTRATIVE TEAM

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WEBINAR SCHEDULE

Fire, Open Wetlands & Bird Populations

Dec 16, 2010
10 ET/9 CT

[\(click to sign up\)](#)



Coming in
January

Ecological
Forestry

Influence of Wildland Fire on Mercury Cycling in Watersheds

Feb 17, 2011
10 ET, 9 CT

[\(click to sign up\)](#)



Coming in
March
Web-Based
Fire Weather
for the
Great Lakes

ONLINE OPPORTUNITIES

MetEd		
Español		
TOPICS	COMMUNITIES	COURSES
Aviation Weather	Outreach Program	Residence and Virtual Courses
Climate	SOOs	Distance Courses
Coastal Weather	WCMS	
Convective Weather	Northern Latitudes	
Emergency Mgmt	ESRC	CASES
Environment & Society	NPOESS Userport	NorLatMet Cases
Fire Weather	Broadcast Met	NWP Cases
Fog and Low Stratus	K-12 and the Public	ABOUT MetEd
Hydrology/Flooding	Higher Education	Contact Us
Marine Met/Oceans	Int'l Warning Systems	Support
Mesoscale Met	CALMet	Legal Notices
Mountain Met		Mission and Sponsors
NWP (Modeling)	RESOURCES	COMET Awards
QPF/QPE (Precip)	Accounts/Registration	Subscribe to Updates
Radar Meteorology	Registration FAQ	What's new
Satellite Meteorology	Downloads	Coming soon
Space Weather	Module Quizzes	
Tropical/Hurricanes	Outside Links	
Winter Weather	Spanish Resources	
Other		
List of all Modules		

Meet COMET. That's to say the "Cooperative Program for Operational Meteorology, Education and Training." Sponsored by NOAA's National Weather Service, they provide professional level training products, classes, and outreach for applied research to many partners and cooperators.

Digging a little deeper, you'll find that they've completed a multimedia version of the NWCG course S-290 (Intermediate Wildland Fire Behavior). Funded cooperatively by the NWS and NWCG, it will provide better access to important fire training for anyone who cannot attend a classroom session or simply wants to review critical fire behavior training.

Contact Robert Ziel if you need help.
ziel.4@osu.edu



S290 - Intermediate Wildland Fire Behavior

<http://www.meted.ucar.edu/>



JFSP VISION FOR JFSP FIRE SCIENCE DELIVERY NETWORK

#6: Identify New research, synthesis, or validation needs

Each consortium should develop mechanisms where stakeholders can provide input about future fire and fuels research needs to the JFSP Governing Board. These priorities could then be considered for new research funding in support of the regional consortia. Regional consortia could develop and conduct stakeholder roundtables to identify regional fire and fuels research needs, or identify specific questions and topics that might be included in systematic evidence reviews.

HELP US IDENTIFY LAKE STATES RESEARCH NEEDS

If you have a fire practice question or problem that might be answered with JFSP funding next year, you can:

- (1) use this link (<https://spreadsheets.google.com/embeddedform?formkey=dGFvYnhiQnRfR3lvVjVMM1pGZjhtRVE6MQ>) to complete the online version of the form to outline your idea,
- (2) print out this page, complete the form, and fax it to Robert Ziel at 906-225-6731
- (3) call Robert Ziel at 906-553-4249 to discuss your idea informally.

We'll be detailing and prioritizing your ideas in January.

NAME: _____ DATE: _____

AFFILIATION & CONTACT INFO:

TOPIC *(Describe the general topic. What is the intent and scope of the topic? Over what geography is this relevant? To what temporal and spatial scales does this apply? Is this a fundamental science or applied science topic? What kinds of studies are sought (e.g., observational studies, field experiments, laboratory experiments, modeling studies, syntheses)? Why is this important? Who would use the results from this work?)*

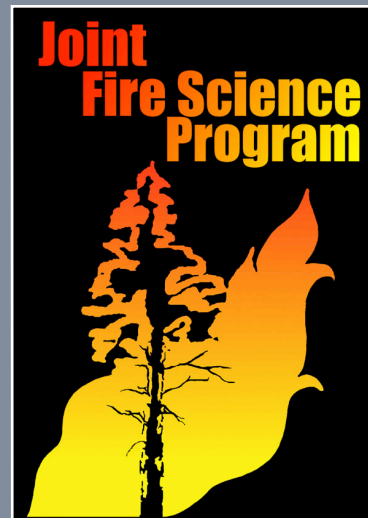
Note: submit only one topic per sheet):

QUESTIONS *(List specific questions that should be addressed. Refer to past JFSP RFAs for examples):*

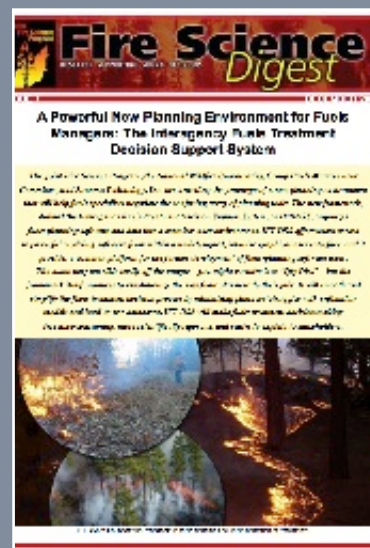
PRODUCTS *(What kinds of products are desired or anticipated?):*

THE JFSP CONNECTION

<http://www.firescience.gov>



Interagency Fuel Treatment Decision Support System (IFT-DSS)



http://www.firescience.gov/JFSP_IFFT-DSS.cfm