Conference Planning Committee

- Glenn Haas, Conference Co-Chair
- Robert Burns, West Virginia University, Conference Co-Chair
- Brenda Adams-Weyant, SORP Association Manager
- Pat Gillespie, National Park Service
- Chuck Nelson, Michigan State University
- Ron Olson, Michigan State Parks
- Maia Stephens, Michigan State Parks
- Tim Schriener, Michigan State Parks
- Jason Jones, Grand Traverse County Parks
- Jeff Prey, Wisconsin State Parks

Local Conference Hosts

Conference Partners
The Society of Outdoor Recreation Professionals (SORP) is a not-for-profit 501(c) 3 organization formed in 1983. It is the Nation’s premier professional association supporting outdoor recreation professionals in planning, research, management, policy and administration. It is dedicated to the proposition that the welfare of the Nation’s citizens and visitors, communities, environment, and economy will be enhanced through opportunities for the public to experience and enjoy the Nation’s outdoors.

The 2013 National Outdoor Recreation Conference reflects the 32 year evolution of the National Association of Recreation Resource Planners into the Society of Outdoor Recreation Professionals (SORP). Every year, the Society of Outdoor Recreation Professionals sponsors a conference for the outdoor recreation profession. Most recently, the conference has been held in Baton Rouge, Breckenridge, Portland OR, Pittsburgh, Austin, and Missoula.

The International Union of Forest Research Organizations (IUFRO) is the global network for forest science cooperation. It unites more than 15,000 scientists in almost 700 Member Organizations in over 110 countries, and is a member of International Council for Science (ICSU). Our Stakeholders are research organizations, universities and individual scientists, NGOs, decision making authorities, forest land-owners and other people who depend on forests.

Our mission is to promote global cooperation in forest-related research and to enhance the understanding of the ecological, economic and social aspects of forests and trees; as well as to disseminate scientific knowledge to stakeholders and decision-makers and to contribute to forest policy and on-the-ground forest management. IUFRO attains its objectives by networking activities including the generation, exchange and dissemination of scientific knowledge, the provision of access to relevant information, and the assistance to scientists and institutions to strengthen their research capacities.

IUFRO is open to all individuals and organizations dedicated to forest and forest products research and related disciplines. It is a non-profit, non-governmental and non-discriminatory organization with a long tradition dating back to 1892.
Sponsors

Active Network
Serving over 50,000 global customers and driving over 80 million transactions annually, we help organizations get participants, manage their activities and build communities.
www.activenetwork.com

Hunter Knephield
Modular park buildings, sports lighting, parks/sports equipment and playground systems that we create and provide to meet your needs for functionality and low maintenance.
www.hunterknephield.com

International Union of Forest Research Organizations
IUFRO is a non-profit, non-governmental international network of forest scientists, headquartered in Austria.
www.IUFRO.org

Journal of Outdoor Recreation and Tourism
Offers a dedicated outlet for research relevant to social sciences and natural resources.
www.journals.elsevier.com

West Virginia University
Division of Forestry and Natural Resources
http://forestry.wvu.edu

Central Michigan University
Recreation, Parks, and Leisure Services Administration
www.cmich.edu

Human Kinetics
Leads the world in providing information related to physical activity.
www.humankinetics.com

MIG, Inc.
Comprehensive planning services for park and recreation agencies, open space agencies, federal land management agencies, and tribal entities.
www.migcom.com

Routledge
Publisher of academic books, journals and online resources in the humanities and social sciences.
www.routledge.com
**Monday, May 20**

- **8:00 am - 5:00 pm**: Registration Desk  
  Park Place-Lobby
- **8:00 am - 9:30 am**: Forests for People Plenary  
  Park Place-Dome
- **8:30 am - 11:30 am**: SCORP University  
  Park Place-Courtyard
- **9:00 am - 11:00 am**: Recreation 101: Kiteboarding  
  Park Place-Lobby
- **9:30 am - 10:00 am**: Break  
  Park Place-Dome
- **10:00 am - 11:30 am**: Forests for People Concurrent Sessions  
  Park Place
- **11:30 am - 1:00 pm**: Lunch on your own  
  Park Place-Dome
- **1:00 pm - 1:15 pm**: Joint Conference Welcome  
  Park Place-Dome
- **1:15 pm - 1:30 pm**: A Very Special Local Welcome  
  Park Place-Dome
- **1:30 pm - 2:45 pm**: Pure Michigan Plenary  
  Park Place-Dome
- **2:45 pm - 3:15 pm**: Break  
  Park Place-Dome
- **3:15 pm - 4:30 pm**: Opening Plenary  
  Park Place-Dome
- **4:45 pm - 7:00 pm**: Opening Reception: Poster Displays and Exhibitors  
  Park Place-Dome
- **6:30 pm**: Initial meeting of the North American Chapter of the International Society of Nature and Forest Medicine  
  Park Place-Leelanau
- **8:00 pm**: Earth Songs: Mountains, Water and the Healing Power of Nature  
  Park Place-Dome

**Tuesday, May 21**

- **7:30 am - 5:00 pm**: Registration Desk  
  Park Place-Lobby
- **8:00 am - 9:30 am**: Concurrent Sessions  
  National Outdoor Recreation Conference  
  Park Place
  Forests for People Conference  
  Hagerty Center
- **9:30 am - 10:00 am**: Break  
  Hagerty Center
- **10:00 am - 11:30 am**: Concurrent Sessions  
  National Outdoor Recreation Conference  
  Park Place
  Forests for People Conference  
  Hagerty Center
- **11:30 am - 1:30 pm**: Lunch on your own  
  Hagerty Center
- **1:30 pm - 3:00 pm**: Concurrent Sessions  
  National Outdoor Recreation Conference  
  Park Place
  Forests for People Conference  
  Hagerty Center
- **3:00 pm - 3:30 pm**: Break  
  Hagerty Center
- **3:30 pm - 5:00 pm**: Concurrent Sessions  
  National Outdoor Recreation Conference  
  Park Place
  Forests for People Conference  
  Hagerty Center
AGENDA AT A GLANCE

Banquet and Live Auction  
Hagerty Center-Rooms A/B/C
6:00 pm - 7:30 pm  Reception with cash bar
6:30 pm - 7:15 pm  Live Auction (all proceeds benefit student scholarships)
7:30 pm  Banquet

Wednesday, May 22

Joint Conference Field Workshops - Meet at the Park Place Hotel Entrance
8:00 am - 5:00 pm  Pathways to Sleeping Bear Dunes National Lakeshore and the new Sleeping Bear Heritage Trail
5:15 am - 1:30 pm  Michigan Partnerships Gone Wild
8:15 am - 12:00 pm  A River Reborn: Building a Prosperous Community through Dam Removal and Ecological Restoration
12:30 pm - 5:00 pm  TART Trail Bicycle System: How a Regional Trail System Came to be and Continues to Grow
8:30 am - 3:00 pm  Old Mission Peninsula - A national coordinated land use success story
5:30 pm - 6:30 pm  SORP Annual Membership Meeting  
Park Place-Dome
8:00 pm - 10:00 pm  Michigan State University Alumni & Friends Social  
Park Place-Room 209

Thursday, May 23

7:30 am - 5:00 pm  Registration Desk  
Park Place-Lobby
8:00 am - 9:30 am  Concurrent Sessions
National Outdoor Recreation Conference  
Park Place
Forests for People Conference  
Hagerty Center
9:30 am - 10:00 am  Break
10:00 am -11:30 am  Concurrent Sessions
National Outdoor Recreation Conference  
Park Place
Forests for People Conference  
Hagerty Center
11:30 am - 1:30 pm  2013 National Outdoor Recreation Awards Luncheon  
Park Place-Dome
12:00 pm - 2:30 pm  Forests for People Luncheon  
Hagerty Center-Rooms A/B/C
1:45 pm - 3:15 pm  National Outdoor Recreation Outlook Forum  
Park Place-Dome
3:15 pm - 3:45 pm  Break  
Park Place-Dome
3:45 pm - 5:00 pm  Forests for People Concurrent Sessions  
Park Place
3:45 pm - 5:00 pm  Bridging the Agriculture Tourism Industry in Grand Traverse County: The Wine Story  
Park Place-Dome
5:00 pm - 5:15 pm  Joint Conference Closing Remarks  
Park Place-Dome
5:30 pm  Wine Reception  
Park Place-Dome
Message Board

There is a bulletin board for messages, general conference and transportation information located near the Registration Desk. Please check it periodically in case someone is trying to reach you.

Registration & Information Desk

Sunday 5:00 pm – 8:00 pm
Monday 8:00 am – 5:00 pm
Tuesday 7:30 am – 5:00 pm
Wednesday Closed
Thursday 7:30 am – 5:00 pm

Hospitality Suite — Park Place #209

Open 8:00 to 11:00 pm Sunday through Thursday. Beverages and snacks provided by Hunter Knepshield, our Hospitality Suite sponsor. Tom Knepshield is your host and bartender. Open to all conference registrants. Come enjoy the company of old and new friends.

Breakfast Considerations

Minervas Restaurant on the ground floor of the Park Place Hotel opens at 6:30 am. If it is crowded you may want to check out one of the many restaurants serving breakfast in downtown Traverse City. Most open at 7:00 am. There are several coffee shops within a few blocks of the Park Place if you are looking for a quick bite and coffee.

Breaks and Meals

Your full conference registration includes the reception on Monday, banquet on Tuesday evening and the awards luncheon on Thursday. One-day registrations include any scheduled meals on that day. There will be break service provided Monday afternoon, Tuesday morning and afternoon, and Thursday morning and afternoon.
Internet Access
Complementary wireless internet is available throughout the Park Place Hotel and Hagerty Center.

Name Badges
Your name badge should be worn at all times during the conference. In addition to being your introduction to new friends and contacts, it is your ticket to each session and social event.

At the end of your stay with us, please drop your name badge holder at the Registration Desk; it will be reused for future events.

Proceedings
All concurrent, plenary and poster session presenters are invited to submit their presentations (full paper, outline, PowerPoint, abstract, etc.) during or after the conference for posting on the SORP website. No formal proceedings (CD or hard copy) will be prepared and distributed to attendees.

Conference Evaluation
We want your feedback! The Conference Planning Committee will follow-up with conference participants via email after the conference and provide access to an online survey.

Silent Auction - Park Place Dome
We greatly appreciate the outdoor products and other items generously donated by so many individuals and businesses. Stop by and bid often. You may find a great deal and at the same time feel good about supporting the important work for SORP.

The silent auction closes at 1:30 pm, Thursday, May 23. Stop by the registration desk to pay for your item(s) before you leave on Thursday. Visa, MasterCard, U.S. checks and cash accepted.

Live Auction - Hagerty Center
Join us for a spirited live auction at 6:00 pm Tuesday evening. You won’t want to miss this popular conference tradition, and your chance to bring home some unique items! All proceeds fund student conference scholarships! Visa, MasterCard, US checks and cash accepted.

Save the Date!

2014 National Outdoor Recreation Conference
San Francisco, California - May 13-16
National Recreation Resources Leadership Award

The Outdoor Industry Association (OIA) was founded in 1989 by outdoor industry professionals to preserve and promote standards for their industry. In addition to this core mission, the OIA works with more than 4,000 members to advocate for issues critical to the future of the outdoor industry; build stronger business leaders; and celebrate, inspire and grow the active outdoor community. Among many other relevant activities, the OIA has supported full funding for the federal Land and Water Conservation Fund, promoted youth participation in the outdoors, and has been an active and important national leader on a wide range of outdoor recreation issues.

Distinguished Service Awards

Dr. Lowell Caneday, Regents Professor, Oklahoma State University. During his 32 year career at Oklahoma State University Dr. Caneday has instructed hundreds of future outdoor recreation professionals and served on or chaired about 200 Masters Thesis and Doctoral Dissertation committees. He has also completed hundreds of presentations, research reports, monographs and publications. His numerous administrative roles include Associate Dean of both Graduate Programs and Undergraduate Programs. Dr. Caneday has received numerous awards, including three separate awards as the university’s Outstanding Faculty Member. He is a devoted advocate for the outdoor recreation profession and the benefits of outdoor recreation for everyone.

Robert A. Fonte, Director, Stark County (Ohio) Park District. Mr. Fonte was nominated by his staff for his “...exceptional advocacy and leadership since 1994 that has transformed the Stark County (OH) Park District from a 4-park, 400-acre district to a district providing 14 parks with 4 lakes, 7,500 acres, 80 miles of multi-use trails, including 25 miles of the historic Ohio & Erie Canal Towpath Trail, and hundreds of educational programs.” Annual revenues increased from $750,000 to over $7 million as a result of four countywide park levies approved by voters during his tenure. A park commissioner noted: “His visionary leadership and emphasis on long-range planning leaves no doubt that Stark Parks will continue to be an asset to our community.”

Dusty Shultz, Superintendent, Sleeping Bear Dunes National Lakeshore. During her amazing 40 year career with the National Park Service, Superintendent Shultz has worked her way up the ladder from a high school summer job with the Allegheny Portage Railroad National Historic Site to superintendent of four different National Park Service units. She was the first female superintendent at three of those units, including Sleeping Bear Dunes. She has also served on numerous committees, panels and boards; taught classes for the NPS; managed special programs; and has been involved in local community and civic efforts wherever she has lived and worked. While crediting those who have helped her in her career, she is quick to point out the importance of mentoring others as they strive to advance their careers.

2013 SORP Award Recipients
Project Excellence Awards

Michigan Department of Natural Resources and Partners – North Eastern State Trail. This 71 mile Michigan Rail Trail connecting 11 rural communities in the northeastern tip of the Lower Peninsula of Michigan was a project of true collaboration among the Michigan Departments of Natural Resources and Transportation, the Top of Michigan Trails Council, and local governments. It is the longest trail in the regional system and offers an extended journey for snowmobilers, hikers, cyclists and equestrians through some of the most remote and unpopulated regions of the state.

The Maryland-National Capital Park and Planning Commission, (M-NCPPC) Montgomery Parks; Montgomery County Department of Recreation; and GreenPlay, LLC – Vision 2030 Strategic Plan and 2012 Parks, Recreation and Open Space Plan, Montgomery County, Maryland. The 2030 Strategic Plan, along with the 2012 Parks, Recreation, and Open Space (PROS) Plan, includes both an innovative, long-term vision component and a practical, analysis-based implementation component to guide the two agencies in meeting the needs of one of the fastest growing and urbanizing communities in the country. The planning process was one of problem solving, innovation and creativity, and collaborative team planning. The Strategic Plan provides the vision, goals, objectives and action items that will shape the parks and recreation system for years to come. The PROS Plan gives planners and decision-makers the tools they need for an urbanizing county.

Jeffco Parks and Open Space, Jefferson County, Colorado – Elk Meadow Park Dog Off-leash Area. An informal dog-training ground that grew into a 107-acre dog off-leash area was at risk of being “loved to death”. A concerted effort by Jefferson County Open Space staff and stewardship-minded teens and volunteers resulted in the installation of 3.2 miles of designated trails, sustainable water crossings, and amenities for 2 and 4-legged visitors. This helped control erosion, trespassing, hazards and confusion for visitors. All of this was completed two years ahead of schedule. Community engagement was a key to the success of the project and feedback has been overwhelmingly positive.

Missouri State Parks – Trail Inventory Database and “Trails of Missouri State Parks” book. The database and book will provide better customer service, fulfill internal management needs and provide an outstanding trail guide, all of which is the result of collective staff ingenuity. An exhaustive and complete inventory resulted in the development of a groundbreaking database that contains information, images and maps of every trail within the system. This data is used for a variety of planning, development and management purposes. The beautifully illustrated book responds to visitor demand for more detailed trail information.
2013 SORP Student Scholarship Recipients

One of SORP’s programs is to financially support undergraduate and graduate students from the outdoor recreation and planning fields to attend our annual conference. SORP believes that it is critical to the outdoor recreation profession to promote the scholarship and advancement of students and young professionals. A scholarship of $500 was awarded to exceptional students to cover lodging, meals and travel. Conference registration fees, as well as a 1-year student membership in SORP were also provided.

Please join us in congratulating the 2013 student scholarship recipients:

- Morgan Bartos  
  Central Michigan University
- Christine Carmichael  
  Michigan State University
- Sarah Etter  
  University of Wisconsin, Stevens Point
- Mike Ferguson  
  Penn State University
- Silvia Kainzinger  
  West Virginia University
- Emily Lauderdale  
  University of Michigan
- Sam Martin  
  Colorado State University
- Zizi Moneer  
  Freiburg University, Germany
- Shiva Pandey  
  University of Southern Queensland, Australia
- Wei-Lun Tsai  
  North Carolina State University
- Nicky Wu  
  Michigan State University
**Monday, May 20**

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<tr>
<th>Time</th>
<th>Session Name</th>
<th>Location</th>
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<tr>
<td>8:00 am - 5:00 pm</td>
<td>Registration Desk</td>
<td>Park Place-Lobby</td>
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<td>8:00 am - 9:30 am</td>
<td>Forests for People Plenary</td>
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<td>Dr. Ulrike Pröbstl-Haider, <em>Institute of Landscape Development, Recreation and Conservation Planning, BOKU - University of Natural Resources and Life Sciences, Austria</em></td>
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<td>Dr. Pröbstl-Haider will discuss the role of compensation. Following her presentation, there will be four concurrent facilitated discussion sessions focusing on the key points of the plenary discussion. Each facilitator will present a synthesis of the facilitated discussion sessions to the entire audience for the final 20 minutes of the session.</td>
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<td>8:30 am - 11:30 am</td>
<td>SCORP University</td>
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<td>Patricia Gillespie, <em>National Park Service State and Local Assistance Programs Division, USA</em></td>
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<td>This session is designed for professionals who have a part or interest in the Statewide Comprehensive Outdoor Recreation Plan (SCORP) process. National Park Service staff and SORP members are partnering to focus on topics relevant to the process. This year’s presentations and discussions will include: conducting and using public surveys; relationship between public park access and public health; Michigan and Wisconsin SCORP highlights; national SCORP issues; and a robust question and answer period.</td>
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<td>8:45 am - 11:00 am</td>
<td>Recreation 101: Kiteboarding</td>
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<td>Come experience Michigan’s nationally-recognized program designed to get people outside by removing barriers to participation. Participate in a free introductory Kiteboarding lesson with the experienced instructors of Broneah. Due to the cold water participants will learn the basics on land by learning about the equipment, flying training kites and receiving coaching on proper technique. Check out this amazing recreation activity at <a href="http://www.broneah.com">www.broneah.com</a>.</td>
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<td>9:30 am - 10:00 am</td>
<td>Break</td>
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<td>10:00 am - 11:30 am</td>
<td>Forests for People Concurrent Sessions</td>
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<td>Track 1: Biodiversity Management: Trees and Plants</td>
<td>Park Place-Leelanau</td>
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<td>Ecological Assessment of the Historic Pinehurst No. 2 Golf Course</td>
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<td>• Kevin Stallings, <em>North Carolina State University Crop Science, USA</em></td>
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<td>Reforestation efforts in Dayton, Ohio</td>
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<td>• David Nolin, <em>Five Rivers MetroParks, USA</em></td>
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<td>Biophysical Impacts to Trees at Protected Sites on the Island of Dominica: Implications for Biodiversity and Conservation</td>
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<td>• Colmore Christian, <em>Alabama A&amp;M University, USA</em></td>
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<td>Modeling the Response of Acacia Senegal (L.) Willd. Growth to tree composition</td>
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<td>• Mohammed Hamed Mohammad, <em>University of Kordofan, Sudan</em></td>
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<td>Track 2: Global Climate Change and Land Management</td>
<td>Park Place-Torch</td>
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<td>Behavioral aspects of self-monitoring in forest based climate change mitigation</td>
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<td>• Rohit Jindal, <em>University of Alberta, Canada</em></td>
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<td>Impact of Climate Change on Livelihood of Forest Dependent Communities: An Empirical Study in Drought Prone Areas of West Bengal, India</td>
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<td>• Jyotish Prakash Basu, <em>West Bengal State University, India</em></td>
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<td>Agroforestry for Forest Rehabilitation and Livelihood Improvement, Nabag Reserve Forest, South Kordofan State, Sudan</td>
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<td>• Hatim El Amin, <em>University of Kordofan, Sudan</em></td>
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<td>Track 3: People, Communities and Agencies</td>
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<td>The 50th Anniversary of the Wilderness Act: Inspiration for Celebration</td>
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<td>• Lisa Eidson, <em>50th Anniversary National Wilderness Planning Team, USA</em></td>
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<td>Local Communities and Protected Areas: The Mediating Role of Park Attachment for Pro-environmental Civic Engagement</td>
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<td>• Natalia Buta and Kyriaki Kaplanidou, <em>Frostburg State University, USA</em></td>
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The development of environmental attitudes among rock climbers
  • Jason Byrd, University of British Columbia, Canada

Effective Outreach; Tapping an Under Utilized Human Resource – Urban Teens
  • Bruce Ross and Murdock Jemerson, Michigan Parks and Recreation Division, USA

11:30 am - 1:00 pm  Lunch on your own

1:00 pm - 1:15 pm  Joint Conference Welcome  Park Place-Dome
  • Dr. Robert Burns, Conference co-chair
  • Dr. Glenn Haas, Conference co-chair

1:15 pm - 1:30 pm  A Very Special Local Welcome  Park Place-Dome
  • Michael Estes, Mayor of the City of Traverse City, USA
  • David Benda, Administrator/Controller of Grand Traverse County, USA
  • Doug Luciani, President & CEO of Traverse City Area Chamber of Commerce, USA

1:30 pm - 2:45 pm  Pure Michigan Plenary  Park Place-Dome
  • Rick Snyder, Governor of Michigan, USA (invited)
  • Keith Creagh, Director of Michigan Department of Natural Resources, USA
  • Ron Olson, Chief of Michigan Parks and Recreation Division, USA
  • Kelly Wolgamott, Director of Marketing of Pure Michigan, USA

Our conference host, the great State of Michigan, has much to showcase and be proud of. This plenary session will be a lively and colorful tour of special programs and successes related to Michigan’s natural, cultural, historic and recreation resources.

2:45 pm - 3:15 pm  Break  Park Place-Dome

3:15 pm - 4:30 pm  Opening Plenary  Park Place-Dome
  • Mary Wagner, Associate Chief of the U.S. Forest Service, USA
  • Bob Ratcliffe, Chief of Conservation and Outdoor Recreation Programs, National Park Service, USA

Agency leads from two of the largest land management agencies in the United States, the U.S. Forest Service and the National Park Service, will talk about how their agencies are “building bridges to prosperity” to help people, communities, businesses, economies and resources prosper.

4:45 pm - 7:00 pm  Opening Reception: Poster Displays, Exhibitors  Park Place-Dome
  and Introduction of Student Scholarship Awardees

Hors d’oeuvres and cash bar will be available for your enjoyment.
Poster Displays

Restrictions for the development of a Best Practice Visitor monitoring for the National Park Edersee- Kellerwald (Hesse, Germany)
- Schaub Jochen, Georg-August University Gottingen; Nature Conservation and Landscape Planning, Germany

Sustainable management of Aphid (Aphis craccivora Koch.) infesting Som plant leaves (Machilus bombycina King) using botanical extracts.
- Sunil Kr. Ghosh, UBKX (Agricultural University), India

Farmers’ Preferences in Allocation of Marginal Lands: Evidence from Ethiopia
- Yalemzewd Nigussie, Wageningen University, Netherlands

Biodiversity, Protected Lands and Human Footprint in the United States: A Spatiotemporal Analysis
- Neelam Poudyal, Duncan Elkins, Nate Nibblink and H. Ken Cordell, University of Georgia, USA

Carbon Enhancement in Community Based Forestry: A case from early REDD+ project Nepal
- Shiva Shankar Pandey, Goeff Cockfield, Tek Maraseni and Bhishma Subedi, University of Southern Queensland (Australia) and ANSAB (Nepal)

Management Strategies for the Economic Development of Rural Communities: A case of three Oklahoma State Parks
- Catalina Palacios and Tannaz Soltani, Oklahoma State University, USA

The Community Forestry Contributing to Livelihoods of Cambodia rural poor
- Khun Bunnath, Harvest Cambodia

Impacts of Okomu National Park on its Communities and its Ecotourism Values
- Osunsina Israel Oluyinka, Omotola Abiola Jayeola and Ajibola Kayode, Federal University of Agriculture, Abeokuta, Nigeria

Evaluation of Antimicrobial Activity of Extracted Oil Plant Sold at Fairs in Santarem–Pa
- Silvia Katrine Silva Escher, Alexandre Escher Boger and Camilla Luckanne Lopes Gazel, Universidade Federal do Oeste do Para – UFOPA, Brazil
Use of Medicinal Plants by Communities Quilombola in Santarem-Pa, Brazil
   • Silvia Katrine Silva Escher, Alexandre Escher Boger and Marlini Patrícia Ferreira Tapajós, Universidade Federal do Oeste do Para – UFOPA, Brazil

Recreational Visitor Use at Mount Saint Helens National Volcanic Monument, Gifford Pinchot National Forest
   • Jennifer Highsmith, West Virginia University, USA

Distance Decay on National Forest Visitors
   • Grace Chang, Oklahoma State University, USA
   • Robert Burns, West Virginia University, USA

No Student Left Inside – Field Experience Opportunities Within Distance / Online Resource Recreation Management Education Programs
   • Robyn L. Ceurvorst, Ph.D., Utah State University Moab, USA

Community Forestry and Green Energy Projects – First Community Biomass Project in New Brunswick
   • Heather Fraser, City of Moncton, Canada

Systematic Assessment of Health and Quality of Life Elements
   • Teresa Penbrooke, MAOM, and CPRE, GP RED, USA

Managing a Complex Landscape for Resource Conservation and Stakeholder Satisfaction in the Indian Creek Corridor.
   • Robyn L. Ceurvorst, Ph.D. and Chase Lamborn, M.S., Utah State University Moab, USA

Understanding Management Preferences of Natural Resource Visitors
   • Michael J. Bradley, Ph.D., Eastern Kentucky University, USA
   • Hung-ling (Stella) Liu, Ph.D., Oklahoma State University, USA

ORV recreation in Michigan: a profile of users and their preferences for riding areas
   • Christine Carmichael, Michigan State University, USA

Better understanding of the Oklahoma State Parks system: A cluster analysis approach
   • Hung-ling (Stella) Liu and Jessica Kincannon, Oklahoma State University, USA

Lower Passaic River Creel/Angler Survey: Methods, Challenges, and Results
   • Sergio Capozzi, AECOM and President of SORP, USA

Nature based leisure activities and spirituality: Wilderness versus urban settings
   • Carrie Moore, West Virginia University, USA
6:30 pm  Initial meeting of the North American Chapter of the International Society of Nature and Forest Medicine

The Board of the International Society of Nature and Forest Medicine (INFOM) in Tokyo, Japan recently approved a North American chapter of the organization. The purpose of INFOM is to promote research on nature and forest medicine, including the effects of forest and nature environments. INFOM aims to provide a platform for those interested in the practice of nature and forest medicine for promoting the effective use of forest resources on stress management, health promotion, and the prevention and rehabilitation of disease as part of an integrated approach to medical care.

Qing Li, MD, PhD, Associate Professor at Nippon Medical School and founder of INFOM, will host the initial meeting. Dr. Li has been at the forefront of forest medicine research on the practice of shinrin yoku (forest bathing), which is walking in the forest to obtain the health benefits. Dr. Li is currently the Vice-President and Secretary General of INFOM. Learn about becoming a charter member of this truly international organization of researchers and practitioners seeking to explore how nature impacts human health and effectiveness. For additional information email hikingresearch@yahoo.com.

8:00 pm  Earth Songs: Mountains, Water and the Healing Power of Nature

Screening of the award winning documentary film Earth Songs: Mountains, Water and the Healing Power of Nature (recently airing on PBS). After the screening, Producer Brian Luke Seaward will discuss the documentary and answer questions.
Kayaking on Lake Michigan

Tuesday, May 21
Concurrent Sessions - National Outdoor Recreation Conference

Track 1: Park Place-Dome

The Land and Water Conservation Fund Act: 2015
- Destry Jarvis, Moderator and discussant, City Park Alliance, USA
- Steve Madewell, National Association of County Park and Recreation Officials, USA
- Glenn Haas, Society of Outdoor Recreation Professionals, USA
- Domenic Bravo, National Association of State Park Directors, USA

In recognition of the 50th anniversary of the 1965 LWCF Act, this provocative session will ponder how the legislation might be strengthened to accommodate another fifty years of benefit. A national panel will offer their thoughts to kick-off the 3-hour session, followed by an open conversation with the audience.

Track 2: Park Place-Leelanau

Michigan’s Big Green Gym
- Maia Stephens, Michigan Department of Natural Resources, USA
- BJ Puchala, Blue Cross Blue Shield of Michigan, USA
- Ann Conklin, Michigan Recreation and Park Association, USA

Track 3: Park Place-Torch

Ride Off-Highway Vehicle Trails to Prosperity
- Stephan Kubisiak, Michigan Department of Natural Resources, USA
- Chad Schneckenburger, Bureau of Land Management, USA
- Lewis Shuler, Cycle Conservation Club of Michigan, USA
- Kristen Thrall, USFS Huron-Manistee National Forest, USA
- Kathy Van Kleeck, Motorcycle Industry Council, USA
- Thomas Dunn, American Motorcycle Association’s District 14, USA
- Drew Stoll, Great Outdoors Consultants, USA

Track 4: Park Place-Courtyard

Investigating the Quality of the Visitor Experience at Sleeping Bear Dunes National Lakeshore
- Dr. Robert Dvorak, Central Michigan University, USA
- Tom Ulrich, National Park Service, USA

Outdoor Recreation Behaviors and Attitudes in Pennsylvania: A Comparison of Federal, State, County/Local, and Private Sector Recreationists
- Michael D. Ferguson, Andrew J. Mowen, Ph.D. and Alan R. Graefe, Ph.D, Pennsylvania State University, USA

Empirical Support of Opportunities for Action in the North Platte River SRMA
- Christopher D. Jones, Ph.D., Bureau of Land Management, USA
- Michael A. Schuett, Ph.D., Texas A&M University, USA

Break - 9:30 am - 10:00 am Park Place-Dome
Concurrent Sessions - Forests for People Conference

Track 5: Forests and Indigenous Methods

Diverse Ecological Knowledge in Adaptive Management among Tribal and Non-Tribal Forest Managers
- John Bussey, Mae Davenport and Marla Emery, University of Minnesota, Department of Forest Resources, USA

Integrating Shinrin yoku insights into U.S. health care management
- Julia Africa, Harvard School of Public Health, USA

Track 6: Outdoor Recreation I

A Time Series Analysis of Effect of Recession on National Park Visitation in the United States
- Neelam Poudyal, Bamadev Paudel and Mike Tarrant, University of Georgia, USA

Boating on the North Umpqua Wild and Scenic River (Oregon, USA)
- Silvia Kainzinger and Robert Burns, West Virginia University, USA
- Arne Arnberger, Institute of Landscape Development, Recreation and Conservation Planning; University of Natural Resources and Life Sciences Vienna, Austria

Wayfinding, Wayshowing and Interpretive Assessment for the Lewis & Clark National Historic Trail: Visitor Motivations and a Stakeholder Engagement Methodology
- Sam Martin, Colorado State University, USA

Outdoor Recreation Opportunities Study
- Craig Sobering, Metro Vancouver Planning, Policy and Environment Department, Canada
- Howard Harshaw, University of British Columbia, Canada

Track 7: Forest Ecosystems and Communities I

How local community views entrepreneurship on forest bioenergy: interviews of actors in a rural locality in Finland
- Tanja Kahkonen, University of Eastern Finland, Finland

Improving stakeholder participation in REDD+: a structured decision making approach
- Mamta Vardhan, University of Calgary, Canada

Application of REDD+ projects in implementation of forest carbon market: case of DRC
- Makwanga Clovis, African Organization for Social Development/NGO, Democratic Republic of Congo

Comparing use of electronic media for urban nature-based tourism
- Arielle Courtney and Ingrid Schneider, University of Minnesota – Twin Cities, USA

Break - 9:30 am - 10:00 am

UESDAY, MAY 21 - 8:00 AM - 9:30 AM
Concurrent Sessions - National Outdoor Recreation Conference

Track 1: Park Place-Dome

The Land and Water Conservation Fund Act: 2015
Continuation (See Track 1, 8:00-9:30 am for details)

Track 2: Park Place-Leelanau

Addressing Community Health Issues with Parks, Trails & Open Space Design
- Andy Dannenberg (moderator), University of Washington, USA
- Angela Russell, University of Wisconsin Population Health Institute, USA
- Stephanie Tepperberg, National Park Service, USA

Track 3: Park Place-Torch

Testing Anecdotal Information with Visitor Counts and Guerilla Research
- Jon Nauman and Thomas Mercier, Three Rivers Park District, Minnesota, USA

Track 4: Park Place-Courtyard

U.S. Forest Service Special Use Permitting: Linking Social Indicators and Administrative Needs for Commercial Uses
- Jim Absher (moderator), U.S. Forest Service, USA
- Robert Burns, West Virginia University, USA
- Rachel Franchina and Mary Ellen Emerick, U.S. Forest Service, USA

A new multistate research program: bridging researchers and managers
- Christine Vogt, Michigan State University, USA
- Erin Seekamp, North Carolina State University, USA

Lunch on your own - 11:30 am - 1:30 pm
Concurrent Sessions - Forests for People Conference

Track 5: Forest Ecosystems and Communities II  
Hagerty-Room A

Conservation of the forests with linking livelihood of local communities: An experience in Nepal
• Shiva Shankar Pandey, University of Southern Queensland (Australia) and ANSAB (Nepal)

Are Community-based Forest Enterprises Viable? Building capacity for monitoring and evaluating costs and income in the Amazon region
• Shoana Humphries and Thomas Holmes, Amazon Environmental Research Institute (IPAM) International Program, USA

Environmental Frames: Analysis and Understanding of Environmental Conflicts in Wadi El Gemal Protected Area, Egypt
• Aziza Moneer, Freiburg University, Germany

Increasing participation in incentive programs for biodiversity conservation
• Michael Sorice, Virginia Tech, USA

Track 6: Geographic Information Systems and Mapping  
Hagerty-Room B

The History of Oldest Forest Area in Taiwan with Landscape Change
• Fong-Long Feng, National Chung-Hsing University, Taiwan

Planning a Parking Lot for the South Branch of Au Sable River – A Geographic Information Technology Application
• I-Chun (Nicky) Wu, Michigan State University, USA

Mapping human-ecological interactions on a regional scale: Exploring the use of socio-spatial information tools for public lands planning and management
• Dale J. Blahna, Rebecca McLain, and David Banis, U.S. Forest Service, Pacific Northwest Research Station, USA

Track 7: Forests and Health I  
Hagerty-Room C

Forest as a place for Health, Recreation and Learning - case studies
• Ludmilla Marusakova and Milan Sarvas, National Forest Centre, Slovakia

Stress reducing effects of different urban nature areas: An experimental study in Helsinki, Finland
• Liisa Tyrvainen and Korpela A. Ojala, Finnish Forest Research Institute (METLA), Finland

Managing Management: Real and Imagined Obstacles to Therapeutic Landscapes in Institutional Settings
• Emaley Baxter, Michigan State University, USA

An exploratory study of the restorative benefits of hiking and the relationship to job satisfaction
• Mark Ellison, Cabarrus College of Health Sciences, USA

Lunch on your own - 11:30 am - 1:30 pm
Concurrent Sessions - National Outdoor Recreation Conference

Track 1: Park Place-Dome

Traipse Media Solutions Help Park Systems Reach More Outdoor Recreation Consumers Online
  • Tom Landers, Traipse Media Corporation, USA

SCORP Interactive Mapping Product
  • Janit Llewellyn Allen and Danette Poole, Virginia Department of Conservation and Recreation, USA

Track 2: Park Place-Leelanau

Organizational & Financial Perspectives on State Parks
  • Hung Ju (Jacky) Chien, Ph.D., Kaowen (Grace) Chang, Ph.D., Hungling (Stella) Liu, Ph.D. and Lowell Caneday, Ph.D., Oklahoma State University, USA

Track 3: Park Place-Torch

Parks and Recreation 2.0. Technology-based approaches to collaboration, community engagement, and public-private partnerships in the 21st century
  • Jason Jones, CPRP, Grand Traverse County Parks and Recreation Department, USA
  • Tree Sturman, Grand Traverse Conservation District, USA
  • Jonathan Campbell, Lake Effect Associates, USA

Track 4: Park Place-Courtyard

Tribal Nations Planning and Resource Management
  • John Baas (moderator and discussant), MIG Inc., USA
  • Gloria Tom, Navajo Nation, Arizona, USA
  • John Daigle, University of Maine, USA
  • Dennis Knapp, Michigan Department of Natural Resources, USA

Special Session: The “NEW” Journal of Outdoor Recreation and Tourism: Meet the Editors
  • Keith de Blanger, Elsevier Publishing, United Kingdom

Break - 3:00 pm - 3:30 pm Park Place-Dome
Concurrent Sessions - Forests for People Conference

Track 5: Forests and Health II  
Hagerty-Room A

A multidisciplinary approach for linking urban forest characteristics and human health.
  - Wei-Lung Tsai, North Carolina State University, USA

Long-term monitoring of health effects of urban forests in Hangzhou, China
  - Jun Yang, Tsinghua University, China
  - Bing Ye, Chinese Academy of Forest, China

“...another world”
  - Kerstin Ensinger and Matthias Wurster, Forest Research Institute Baden-Wuerttemberg, Germany

Nature-based outdoor recreation and emotional well-being
  - Kalevi Korpela, University of Tampere, Finland

Track 6: Outdoor Recreation II  
Hagerty-Room B

Motivations for Recreational Visits at Harz National Park, Germany
  - Eick Von Ruschkowski, Leibniz Universität Hannover, Germany
  - Arne Arnberger, Institute of Landscape Development, Recreation and Conservation Planning; University of Natural Resources and Life Sciences Vienna, Austria
  - Robert Burns, West Virginia University, USA

Recreational Specialization and Motivations among Recreational Off-Highway Vehicle Users in Michigan
  - Jung-Ho Suh, Dan McCole and Christine Carmichael, Michigan State University, USA

Betasso Preserve Recreational Improvements
  - Al Hardy, Boulder County Parks and Open Space, USA

Park Partnerships for Sustainable Transportation: Assessing the Full Circle Trolley Pilot Program
  - Laura Anderson, University of Wisconsin – Stevens Point, USA
  - Robert Manning, University of Vermont, USA

Track 7: Non-traditional Users and Outdoor Recreation  
Hagerty-Room C

Beyond constraints: Gendered differences in outdoor recreation conflict experiences
  - Ingrid Schneider, Andrew Oftedal and H.K. Kang, University of Minnesota – Twin Cities, USA

Changing Outdoor Recreation Participation and Social groups
  - Tuija Sievanen, Finnish Forest Research Institute, Finland

Exploring the Role of Artisanal Oysterers in Heritage Preservation and Tourism Development
  - Erin Seekamp and Carla Barbieri, North Carolina State University, Department of Parks Recreation & Tourism Management, USA

Break - 3:00 pm - 3:30 pm  
Hagerty-Room D
Concurrent Sessions - National Outdoor Recreation Conference

Track 1: Park Place-Dome

The National Trails System -- A Network of Empowerment
• Steven Elkinton and Mark Weaver, National Park Service, USA

Track 2: Park Place-Leelanau

Global Aspects of Natural Resource Planning
• Robert C. Burns, West Virginia University, USA
• Eick Von Ruschkowski, Leibniz Universitat Hannover, Germany
• Arne Arnberger, Institute of Landscape Development, Recreation and Conservation Planning; University of Natural Resources and Life Sciences Vienna, Austria
• Natalia Buta, Frostburg State University, USA

Track 3: Park Place-Torch

Innovations in Statewide Comprehensive Outdoor Recreation Planning Creation and Usage
• Teresa Penbrooke, MAOM, and CPRE, GP RED, USA

Track 4: Park Place-Courtyard

Examining the Habit of Partnering: The Role of Internal and External Influences on U.S. Forest Service Partnership Capacity
• Erin Seekamp and Lori Barrow, North Carolina State University, Department of Parks Recreation & Tourism Management, USA

The Lake Michigan Water Trail Partnership
• Jeff Prey, Wisconsin State Parks, USA
• Harry Burkholder, Land Information Access Association, USA
• Dave Lemberg, Michigan Heritage Water Trails – Western Michigan University, USA
• Barbara Nelson-Jameson and Angie Tornes, National Park Service, USA
• Ron Olson, Chief of Michigan Parks and Recreation Division, USA
• Paul Yauk, Michigan Department of Natural Resources, USA
Concurrent Sessions - Forests for People Conference

Track 5: Agro-Forestry  
**Hagerty-Room A**

**Poverty Reduction in Ekuri Community, Nigeria through Agro-forestry**  
- Edwin Ogar, Ekuri Initiative, Nigeria

**Identifying problems and prospects of Bangladeshi farmers to include Zizyphus in alley cropping with a motive to popularize it in South Asian countries**  
- Md. Alamgir Kabir, Patuakhali Science and Technology University, Bangladesh

Track 6: Management and Agency Perspectives  
**Hagerty-Room B**

**Planning For Human Use and Environmental Sustainability on Public Lands**  
- Dale Blahna, U.S. Forest Service, *Pacific Northwest Research Station, USA*

**Management Capacity Development for Coastal Protected Areas: Assessing and Responding to Local and Regional Needs**  
- Thomas Fish and Anne Walton, *U.S. Department of the Interior/ CESU Network, USA*

**The management of outdoor recreation in select Canadian provinces – The approaches of British Columbia, Alberta, and Ontario**  
- Wolfgang Haider, *Simon Fraser University, School of Resource and Environmental Management, Canada*

Track 7: Urban Forestry I  
**Hagerty-Room C**

**From Concrete to Forests - Understanding Watersheds through Outdoor Learning**  
- Sarah Low, *U.S. Forest Service, USA*

**Urban Forest Landscape Dynamics in the Midwestern Region of the United States**  
- Charles Wade, *C.S. Mott Community College, USA*
- J. James Kielbaso, *Michigan State University, Forestry Department, USA*

**Photography Workshop Credential: A Universally Accepted Credential for Photography Workshops in National Parks**  
- Mike Norton, *Texas A&M University-Commerce, USA*

**Agents of Change - Development of urban parks in the Israeli Negev**  
- Anat Gold, *JNF (Keren Kayemet L’Israel), Israel*

Banquet and Live Auction  
**Hagerty Center-Rooms A/B/C**

6:00 pm - 7:30 pm  
Reception with cash bar

6:30 pm - 7:15 pm  
Live Auction (all proceeds go to student scholarships)

7:30 pm - 9:00 pm  
Banquet
Wednesday, May 22

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| 8:00 am - 5:00 pm| Joint Conference Field Workshops - Meet at the Park Place Hotel Entrance

Pathways to Sleeping Bear Dunes National Lakeshore and the new Sleeping Bear Heritage Trail

Michigan Partnerships Gone Wild

A River Reborn: Building a Prosperous Community through Dam Removal and Ecological Restoration

TART Trail Bicycle System: How a Regional Trail System Came to be and Continues to Grow

Old Mission Peninsula - A national coordinated land use success story

5:30 pm - 6:30 pm| SORP Annual Membership Meeting                                                                                                                                                                        | Park Place-Dome            |

8:00 pm - 10:00 pm| Michigan State University Alumni & Friends Social                                                                                                                                                   | Park Place-Room 209        |
Pathways to Sleeping Bear Dunes National Lakeshore and the new Sleeping Bear Heritage Trail

**Meeting location:** Park Place Hotel entrance

**Time:** 8:00 am to 5:00 pm

**Capacity:** 90 maximum

**Lunch included:** Yes

**Description**

Superintendent Dusty Shultz and Deputy Tom Ulrich will provide a behind the scenes orientation to Sleeping Bear Dunes National Lakeshore. We will go into the park to experience the spectacular scenery and learn about the globally significant perched dune landscape, past and present recreational uses, and efforts to balance public access with protecting natural and cultural resources. Participants will have an option to leisurely bike or walk the new Sleeping Bear Heritage Trail with National Park Service planner Barbara Nelson-Jameson and the Trail Ambassadors, and learn about the extraordinary partnership which has leveraged over nine million dollars for trail development and maintenance. We will also have the opportunity to tour the historic village and cultural landscape of Glen Haven with Facility Manager, Lee Jameson, and learn about the Park’s historic preservation efforts and partnerships. Participants will have some time in Glen Arbor to visit Cherry Republic, sample their products, and hear from owner Bob Sutherland about their role in supporting the Park and the region’s agriculture.

**Special Considerations**

The field workshop will take place rain or shine. Participants who wish to bike will have to sign up for a bike at registration. Please wear appropriate footwear for walking or biking. Appropriate dress for the weather may include a light jacket, rain gear, hat, gloves, sunscreen, and insect repellant. Lunch and a light snack are provided. Participants who are biking may want to bring along a water bottle.
Michigan Partnerships Gone Wild

...Mobilizing experts to provide experiences to create outdoor enthusiasts

**Meeting location:** Park Place Hotel entrance  
**Time:** 5:15 am to 1:30 pm  
**Capacity:** 30 maximum  
**Lunch included:** Yes

**Description**

Faced with declining hunting and fishing license sales as well as loss of all general funding for state parks, Michigan has forged many unusual partnerships to increase participation in outdoor recreation. This interactive field workshop will include a first-hand experience with three of the Michigan Department of Natural Resources’ (DNR) award-winning programs that have proven to attract new outdoor enthusiasts while promoting tourism and economic development: 1) Experience Rec 101: Great Lakes Fishing in West Grand Traverse Bay, 2) Then prepare your catch for “Catch & Cook” and 3) Learn more about how “Gourmet Gone Wild” can entice young professionals into the great outdoors. The workshop includes a sunrise fishing trip, a chef-prepared meal, and presentations by DNR partners and the Michigan Culinary Tourism Alliance.

**Learning objectives**

As a result of this session, participants will:

- Be able to identify possible partnerships that will help promote outdoor recreation.
- Create tools to evaluate success of partnerships designed to attract new visitors.
- Understand the connection between recreation, tourism, and economic development.

**Special considerations**

Participants will need to purchase a Michigan Fishing License prior to the session ($7 for one day Licenses can be purchased online at [http://www.mdnr-elicense.com/Welcome/Default.aspx](http://www.mdnr-elicense.com/Welcome/Default.aspx)). All the gear and expert fishing instruction will be provided by the Grand Traverse Area Sportfishing Association ([www.gtasfa.com](http://www.gtasfa.com)).

Weather in Michigan can vary greatly in May. Be sure to pack accordingly. Rain gear, and warm layers will help insure a comfortable trip no matter what Mother Nature brings.
A River Reborn: Building a Prosperous Community through Dam Removal and Ecological Restoration

**Meeting location:** Park Place Hotel entrance  
**Time:** 8:15 am to 12:00 noon  
**Capacity:** Maximum 30  
**Lunch included:** No, at your own expense when the tour concludes

**Description**

Recreational tourism stands at the epicenter of Traverse City’s economy, culture and way of life. Transecting Traverse City is the Boardman River, a beloved waterway that reflects the diverse of evolving values of the City and surrounding landscape. Three hydroelectric dams are slated for removal on the Boardman and with the first dam now gone, you will have the opportunity to learn about our community’s journey to tear down more than dams, and restore more than floodplains.

Join the Grand Traverse Conservation District for an exploration of the Boardman River Dam Removal project. Participants will board a bus at the Park Place Hotel to travel to the Boardman River Nature Center where they will receive a multi-media presentation on the largest dam removal project in Michigan history. The session will include an examination of the unique, multi-sector collaborative process that was used to build community investment, raise over $4.5 million and manage the first of three dam removal projects to successful completion—on time, and on budget. The session will conclude with a three mile flat-water paddle from the Nature Center to Traverse City proper, within a short walk of the Park Place hotel and numerous lunch destinations. Canoes, paddles and life preservers will be provided.

**Stakeholders**

- Grand Traverse Conservation District  
- Boardman River Dams Project Implementation Team  
- Boardman River Prosperity Plan Leadership Team  
- Grand Traverse County Parks and Recreation Department  
- Natural Education Reserve Advisory Committee  
- City of Traverse City

**Special considerations**

Must be able to traverse uneven terrain. Please wear appropriate footwear for walking and paddling. Weather in Michigan can vary greatly in May. Be prepared for the weather by packing a light jacket, rain gear, hat, gloves, sunscreen, and insect repellant. Paddle at your own risk.

**Important**

In the event of high water levels or severe weather, this trip will be canceled. You will be notified on Tuesday if the trip is canceled. If you can arrange transit to and from the Boardman River Nature Center, you are welcome to attend the PowerPoint presentation at 9:00 am.
TART Trail Bicycle System: How a Regional Trail System Came to be and Continues to Grow

**Meeting location:** Park Place Hotel entrance  
**Time:** 12:30 pm to 5:00 pm  
**Capacity:** 30 maximum  
**Lunch included:** No, eat lunch before you start  
**After ride refreshments and pizza samplers**

**Description**

The Traverse Area Recreation and Transportation (TART) Trails will lead this session on regional trail development designed to explore how public-private partnerships can be developed to help initiate, maintain and expand non-motorized infrastructure designed to meet the economic, recreation, transportation, health and social needs of the community. Participants will learn about how unique partnerships have leveraged money and manpower to develop and maintain over 60 miles of trail in the region. The session will feature a leisurely 15-mile bicycle ride on the trails through Traverse City and stop at local parks, trailheads, and scenic vistas along the way. The workshop will finish at the Filling Station on Boardman Lake Trail with a beer tasting and pizza. Hear from local business owners about their experiences with complete streets and non-motorized infrastructure. Bikes will be rented through a local vendor at no additional cost.

**Stakeholders**

- TART Trails  
- Michigan Department of Natural Resources – State Parks  
- Traverse City  
- Garfield Township

**Program Focus**

- Trail planning and development  
- Complete Streets  
- Funding for trail development and maintenance  
- Traverse City and Garfield Township Planning  
- State Park Recreation Planning & Development

**Special considerations**

Must be comfortable on a bicycle and able to ride 15 miles. There will be some on-road riding, cyclists travel at their own risk. Weather in Michigan can vary greatly in May. Be prepared for the weather by packing a light jacket, rain gear, hat, gloves, and sunscreen. In case of severe weather, the group will convene at the Filling Station at 3:00 pm for tasting and discussion. You will be notified on Tuesday if the trip is modified.
Old Mission Peninsula - A national coordinated land use success story

Meeting location: Park Place Hotel entrance  
Time: 8:30 am to 3:00 pm  
Capacity: 30 maximum  
Lunch included: Yes

Description
The Grand Traverse Regional Land Conservancy will be hosting a workshop focusing on the multiple benefits (social, economic, cultural etc.) of a coordinated land use protection strategy on the beautiful Old Mission Peninsula in Grand Traverse Bay. This tour will showcase the local, regional and national impacts of this effort and visit areas dedicated to fruit production, environmental protection, passive and active recreation, and the growth of the wine industry and associated tourism. This tour includes lunch at a local restaurant at no additional cost.

Stakeholders
- Grand Traverse Regional Land Conservancy - Farmland Program
- Peninsula Township - local unit of government
- Grand Traverse Conservation District - Verification of Farm Operations for Environmentally Sound Practices
- Chateau Grand Traverse Winery - Wineries and Tourism in the NW Michigan Region

Program Focus
- Farmland Preservation
- The State of Michigan's Michigan Agricultural Environmental Assurance Program (MAEAP)
- Wineries of Old Mission (WOMP)
- American Farmland Trust and the Land Trust Alliance
Thursday, May 23

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Chateau Grand Traverse Vineyard
Concurrent Sessions - National Outdoor Recreation Conference

Track 1

The World Leisure Organization
- Dr. Roger Coles, Central Michigan University, USA

Tread Lightly!
- Jason Ketterick, Tread Lightly! Inc., USA

Association of Outdoor Recreation and Education
- Jeannette Stawski, Association of Outdoor Recreation and Education, USA

Track 2

An analysis of the factors affecting the use of land for recreation
- Colmore Christian, Alabama A&M University, USA

Kapi'olani Regional Park: Methods, Challenges, and Planning Outcomes of an Urban Recreation Capacity Study
- Chris Stoll, Sergio Capozzi and Terry Hildebrand, AECOM, USA

Impacts of Okomu National Park on its Communities and its Ecotourism Values
- Osunsina Israel Oluyinka, O.A. Jayeola, and Ajibola Kayode, Federal University of Agriculture, Abeokuta, Nigeria

Track 3

Planning for an environmentally sustainable trail system: Marin County Park and Open Space District’s Road and Trail Management Plan
- Linda Dahl and Elise Holland, Marin County Parks and Open Space District, USA
- Bob Klousner, Environmental Planning Partners, Inc., USA
- John Baas, MIG, Inc., USA

Track 4

Utilizing Environmental Ethics for Land Planning - An A.G.O. Investigation
- Michael J. Bradley, Ph.D., Eastern Kentucky University, USA
- Hung-ling (Stella) Liu, Ph.D., Oklahoma State University, USA

The Power of Partnerships: Planning for Prosperity in the Wake of Budget Cuts
- Megan Deffner, Arapahoe County Open Spaces, USA

Break - 9:30 am - 10:00 am

Park Place-Dome
Concurrent Sessions - Forests for People Conference

Track 5: Urban Forestry II

Leisure activities, ecological paradigms, and advocacy for the environment
- Carrie Moore and Wesley Burnett, West Virginia University, USA

Urban demand for forest tourism offers: An Austrian case study
- Arne Arnberger, Institute of Landscape Development, Recreation and Conservation Planning; University of Natural Resources and Life Sciences Vienna, Austria
- Renate Eder and Andreas Muhar, Resources and Life Sciences Vienna, Austria

Aesthetic and restorative experiences in urban forests in Helsinki, Finland
- Kaisa Hauru, University of Helsinki, Finland

Urban Forests in Estonia: The Legacy of the Soviet Era and Failed Land Restitution
- Gloria Niin, Estonian University of Life Sciences, Estonia

Track 6: Ecosystem Services and Communities

Prioritization of Community Resiliency Factors in the South Selkirks, BC
- Howard Harshaw, University of British Columbia, Canada

Contribution of forest provisioning ecosystem services to rural livelihoods in Copperbelt’s Miombo woodlands, Zambia
- Felix Kanungwe Kalaba, University of Leeds, United Kingdom

Widening the scope of the forestry services towards other ecosystem services
- Osmo Mattila, Liina Hayrinen, Sami Berghall and Anne Toppinen, University of Helsinki, Finland

Empowering Livelihoods through NWFP Certification in India
- Sudhanshu Gupta, Indian Council of Forestry Research and Education (ICFRE), India

Track 7: Forest Ownership, Sustainability and Rurality

The Determinants of Non-Farm Work Activities and Incomes of Rural Farm Households in Nepal
- Chhatri Bir, Tribhuvan University, Institute of Forestry, Nepal

Investigating the Objectives of the New Owners of Alabama’s Timberlands
- Lord Ameyaw, Auburn University, USA

Forest Owner Objectives as Predictors of Changing Customer Value: survey analysis from Finland
- Liina Hayrinen, University of Helsinki, Finland

Break - 9:30 am -10:00 am
### Concurrent Sessions - National Outdoor Recreation Conference

**Track 1** – Prep space for awards luncheon  
Park Place-Dome

**Track 2**  
Park Place-Leelanau

**Integrating GIS Modeling in Outdoor Recreation Planning**  
- Kendall Sommers and Mike Krumrine, *Delaware State Parks, USA*

**Public participation using geospatial technology in support of recreation resource planning**  
- Charlyne T. Smith, *North Carolina State University, USA*

**Creating recreation maps for smart phones and a new GIS public comment planning tool**  
- Drew Stoll, *Great Outdoors Consultants, Colorado, USA*

**Track 3**  
Park Place-Torch

**Community Engagement through Recreation and Tourism**  
- Rachel Franchina (Moderator), *U.S. Forest Service, USA*
- Pat York, Chad Wilberger, Marianne Leberman, Sandy Skrien and Claudia Mielke, *U.S. Forest Service, USA*

**Track 4**  
Park Place-Courtyard

**Private landowners’ voluntary efforts to increase public access – motivations and experiences**  
- Frank S. Jensen and Mette B. Nørregård, *Forest & Landscape, University of Copenhagen, Denmark*

**Changing Perceptions: Revitalizing Post-Industrial Towns along the Monongahela River Water Trail**  
- Jeff Malik, *Student Conservation Association, USA*
- Cathy McCollom, *McCollom Development Strategies, USA*
Concurrent Sessions - Forests for People Conference

Track 5: Medicinal Plants and Therapeutic Agents from Forests

Introduction of Forest Medicine as a new Preventive Medicine
- Qing Li, Department of Hygiene and Public Health, Nippon Medical School, Japan

Almaciga Resin and Wild Honey: the Backbone of Indigenous People in Palawan, the Philippines
- Arsenio Ella, Emmanuel P. Domingo and Florena B. Samiano, Forest Products Research and Development Institute, Department of Science and Technology, Philippines

Phytochemicals aspects of dietary flour based in passiflora sp. sold with purpose therapy in the city of Santarem
- Alexandre Boger, Silvia Katrine Silva Escher and Miquela Paz Martins, Santarem City Hall, Brazil

Track 6: Eco-tourism

Eco-tourism in the Himalayas - a recreational way to economic, environmental and social benefits in India
- S.K. Sharma, Carman Residential & Day School, India

Future of Ecotourism Management in Pakistan: challenges, opportunities and consequences
- Durdana Ahmed Ali Khan, Commecs College, Pakistan

Track 7: Social Science Needs for Genome Research in Forestry

- Wolfgang Haider, Simon Fraser University, Canada
- Sally Aitken, University of British Columbia, Canada
- Michael Sorice, Virginia Tech University, USA
- Joanne Westphal, Michigan State University, USA
12:00 pm - 2:30 pm  Forests for People Luncheon  
Hagerty Center-Rooms A/B/C  

Linking Social Carrying Capacity with Biological and Managerial Issues  
- Alan R. Graefe, Ph.D., Pennsylvania State University, Department of Recreation, Parks and Tourism Management, USA  

This presentation will trace the history and evolution of the social carrying capacity concept, ending with a synopsis of the current state of knowledge and application of the concept. Emphasis will be placed on how capacity-related ideas and tools can be used to simultaneously address biological and social issues related to visitor use of parks and protected areas. The presentation will describe the "carrying capacity paradox," referring to the apparent inverse relationship between the likelihood of areas having established capacities and the amount of data or research conducted to determine visitor capacities.

2:30 pm - 3:30pm  Break and Transport to Park Place Hotel

3:45 pm - 5:00 pm  Concurrent Sessions  

Track 1: Biodiversity Management  
Park Place-Leelanau  

Suburban Whitetail Deer Management  
- Bill Maasen, Matt Garrett and Kelby Hellwig, Johnson County Park and Recreation District, Kansas, USA  

Wildlife Damage: Too Much of a Wild Thing!  
- Peter Butchko, U.S. Department of Agriculture-Wildlife Services, USA  

Enhancing Biodiversity in Urban Ecosystems: The Bird Habitat Contributions of Green Roofs in Urban Areas  
- Carly Eakin, Michigan State University – Department of Fisheries and Wildlife, USA  

Using diffusion theory to identify the most fragile barriers to green roof adoption  
- Joanne Westphal, Michigan State University, USA

Track 2: Forest Governance and Social Well-Being  
Park Place-Torch

Forest Governance: Response to improper management of forests Mayombe, Democratic Republic of Congo  
- Makwanga Clovis, African Organization for Social Development, Democratic Republic of Congo

Forest Governance and Local People in Some National Parks in Nigeria  

Socio Economic Factors Influencing Agroforestry Systems in the Gum Belt of North Kordofan State, Sudan  
- Zeinab Adam, University of Kordofan, Sudan
### 11:30 am - 1:30 pm  
**2013 National Outdoor Recreation Awards Luncheon**  
*Park Place-Dome*

- Wayne Sames, *(moderator)* *Society of Outdoor Recreation Professionals*

The luncheon will be followed by SORP’s prestigious national awards program. The 2013 awards include the National Outdoor Recreation Leadership Award, Distinguished Service Awards, Project Excellence Awards, and SCORP Excellence Award.

### 1:45 pm - 3:15 pm  
**The National Outdoor Recreation Outlook Forum**  
*Park Place-Dome*

- Dr. Charles Nelson, *Michigan State University, USA*
- Dr. Christine Vogt, *Michigan State University, USA*
- Sergio Capozzi, *AECOM and President of SORP, USA*
- Joel Lynch, *National Park Service, USA*

The session involves an esteemed panel of experts who are challenged to reflect upon the next 5-10 years. What will the outdoor recreation industry and profession look like---what can we anticipate and prepare for? The panel will provide a provocative glimpse into the future and then the session is opened for the audience to share their perspectives.

### 3:15 pm - 3:45 pm  
**Break**  
*Park Place-Dome*

### 3:45 pm - 5:00 pm  
**Bridging the Agriculture Tourism Industry in Grand Traverse County: The Wine Story**  
*Park Place-Dome*

After being told it couldn’t be done, a young Ed O’Keefe II started growing Riesling grapes on Old Mission Peninsula. Now 30 years later, this first winery has sprouted an industry, defined a community, and created the appellation often referred to as “Napa North.” Eddie O’Keefe III, President and CEO of Chateau Grand Traverse, will share the story of northern Michigan’s wine roots.

Dr. Dan McCole, Michigan State University, will share results of their recent study of what the wine industry has done for the health of the Michigan’s tourism economy and Linda Jones of the Michigan Grape and Wine Council will talk about the connection between recreation, wine, and agriculture and Michigan’s culinary vision for the future.

### 5:15 pm  
**Joint Conference Closing Remarks**  
*Park Place-Dome*

- Dr. Robert Burns, Conference co-chair
- Dr. Glenn Haas, Conference co-chair

### 5:30 pm  
**Optional Post Conference Farewell**  
*Park Place-Dome*

The Chateau Grand Traverse will host a wine tasting and light hors d’oeuvres
Hagerty Center Floor Plans

Northwestern Michigan College
Great Lakes Campus
715 E. Front Street, Traverse City, Mi. 49686

Ballrooms ABC
Pre-Conference Area

Room A
Room B
Room C
Room D