The OFWIM Annual Conference Archive(s): a Title Slide Review of the Last Decade’s Presentations

Donald L. Schrupp
Colorado Division of Wildlife (Retired)

VIRTUAL CONFERENCE & BUSINESS MEETING
October 6-6, 2020

Kentucky’s Jackson Purchase Region: Overview and Management of Public and Private Lands

- Tony Black:
  - Wildlife Regional Program Coordinator, Purchase Region
- Pat Hais:
  - Public lands Supervisor, Purchase Region
- Zak Danks:
  - Private lands Biologist, Purchase Region
- Keith Welington:
  - Wildlife Program Coordinator, Kentucky Fish & Wildlife Information System

Welcome to OFWIM 2010!
- Year of the Unexpected
- Jen Carlino had a family emergency
  - Thoughts and prayers
- Mark Bruner accepted new position
  - We wish him well
- Keith Welington President Elect
- We will need participation at the business meeting

Developing on-line mapping applications:
Lessons learned the painful way

University of Idaho
Talon
Geospatially Tracking Time and Accomplishments
Mark Brummer and Kirk Keller
Missouri Department of Conservation

SmartPhone Development
Examples at two ends of the spectrum
Kirk Keller
Missouri Department of Conservation

The Cactus Moth Detection and Monitoring Network and the Invasive Plant Atlas of the MidSouth: Keeping Up With Technology
Organization of Fish and Wildlife Information Managers Conference
October 18-20, 2010
Cobalt, Kentucky

Digital Capture of Field Data OR The ‘Magic Pen’ Put to the Test
Bruce Schmidt
Pacific States Marine Fisheries Commission
www.streamnet.org

Development of handheld applications for biodiversity information: a two-way need for interoperability
Annie Simpson
Invasive Species Information Manager
US Geological Survey
asimpson@usgs.gov

Getting the Whole Picture: Evaluation of a Tool for Recording Presentations and Providing Training
Danny Lewis
Texas Parks and Wildlife
Truth or Consequences

Data Integrity in the Information Age

UNCERTAINTY IN PREDICTING SPECIES DISTRIBUTION
A case study using four methods to map tiger occurrence in Central Sumatra
Sunarto & Marcello J. Kelly, Virginia Tech

Developing a System to Track Wetland Changes Over Time Using ArcSDE

Determining endangered species habitat in face of cryptic species and few occupancy surveys: an example from the red panda (Ailurus fulgens)
Naveen K. Mahato & Michael R. J. Fosmire
Texas State University-San Marcos

Texas Parks and Wildlife’s Pollution Response Inventory and Species Mortality Program

ADDITIVE EFFECTS OF MINING AND RESIDENTIAL DEVELOPMENT ON STREAM CONDITIONS IN A CENTRAL APPALACHIAN WATERSHED
Eric Merriam
George Hinrich
J. Todd Petty
Jennifer B. Fulton
Mike Strupper
Data Management for Coordinated Assessments or: Finally! A reason to share data

Bruce Schmidt
Pacific States Marine Fisheries Commission
Organization of Fish and Wildlife Information Managers
2010 Annual Meeting
Cadiz, KY

The Importance of Good Data Management

Via Huchinson
US Geological Survey
OFWIM Conference
October 18-21, 2010
Cadiz, KY

Maurie Caitlin Kelly – Penn State University

Jeff Smith
Andrew Ostrov
USGS NBB
National Fish Habitat Action Plan
Data Viewer Application


Miriam L.Z. Steiner Davis, Suzie Allen, Carol Temprir and Christopher Carroll
Organization of Fish and Wildlife Information Managers
2010 Conference and Annual Meeting
Cadiz, Kentucky

Florida Fish and Wildlife Conservation Commission’s Roles in Response to the DeepWater Horizon Oil Spill

Beth Stys
Florida Fish and Wildlife Conservation Commission

OFWIM Conference Archives
2010-2019 Presentations

OFWIM 2020
Virtual Conference

Page 4
State Wildlife Action Plans Search Tool

Elizabeth Martin
U.S. Geological Survey, MBII Program
Melanie Steinkamp
U.S. Fish and Wildlife Service

Organization of Fish & Wildlife Information Managers 2010 Conference
October 21, 2010

AFWA and OFWIM
Looking forward

Kirk Keller
Missouri Department of Conservation

Building a National SGCN Dataset
Moving form 56 Disparate Plans to One Integrated Product

Florida’s State Wildlife Grants Program: Maximizing our return on investment

GeoCaching is a real-world treasure hunting game. Players locate hidden containers (geocaches) using GPS, their navigational skills, and wits. Participants in GeoCache OFWIM (GOI) have been grouped into Teams that will compete throughout the conference to score the most points and win the GOI Trophy.

Doe Schrupp  Sabra Schwartz
Grego Ramiro  Jim Husband
Julie Prior-Magee
Beth Stys
Tony Spizzi
Danny Lewis

Dean Joe
Yon Treneman
Keith Wellington

October 1, 2020
Coordinated Assessments
Regional Data Sharing
in Action

Bruce Schmidt, PSMFC
Tom Iverson, CBFWA
Presented to:
Organization of Fish and Wildlife Information Managers
St. Louis, MO
October 18-20, 2011

Should Your Organization be Twittering and Facebooking? A Case Study for Wildlife Health

Cris Marsh, MLS
Wildlife Data Integration Network

Organization of Fish & Wildlife Information Managers Annual Conference
October 18, 2011

Potential Barriers to
Use of Regionalized Datasets
and Some Thoughts on
Overcoming Them

Donald L. Schrupp, Wildlife Ecologist
Denver, Colorado

Social Media
Outreach

chris.cloyd@mdc.mo.gov

Social Media Overview

Where is your organization?

MUSSEL SPECIES TURNOVER
ALONG THE RIVER CONTINUUM

Carla L. Atkinson
University of Oklahoma &
Oklahoma Biological Survey

Organization of Fish and Wildlife Information Managers Meeting
October 18-20, 2011
Development of an Online Hatchery Release Data Mapping Application

Lynnae Sutton, Fish Passage Center

Movement patterns around dens in two Illinois beaver populations

Ramiro D. Crespo, Joanne C. Crawford, Craig K. Bloomquist, Clayton K. Nielsen, Randall P. Haven, and Thomas A. Nelson
Cooperative Wildlife Research Laboratory and Department of Forestry
Southern Illinois University Carbondale

Assessing the Validity of Online Surveys for Collecting Post-Season Harvest Data

Ron Bell

Effects of Wastewater Treatment Plants on Water Chemistries and Benthic Invertebrate Populations in the Middle Rio Grande

Michelle Nauser
University of New Mexico
Department of Biology
nmk@unm.edu

Opening the Door to Aquatic Data: Improving Accessibility of Long Term Aquatic Sampling Data

Craig Straugies and Julie Fleming, Mission Department of Conservation
Citizen Science
The Benefits and Problems of Messy Data
Jon Purvis, Texas Parks and Wildlife Department

A Nationwide Application for Managing Invasive Exotic Species
Dean Jut
Florida Resources and Environmental Analysis Center
Florida State University
E-mail: djut@fame.fm

MISSOURI RIVER PUBLIC USE ASSESSMENT
Collecting, Managing and Presenting the Results
Steve Sheriff
Randy Braken
Tom Treiman
Tom Knolowec
Glenn Robbins

The National Map: US Topo maps
Ray Fox
USGS Geospatial Liaison for Missouri
OFGIM 2011 Conference
10/18/2012

Climate Change Planning in a State Agency
Beth Stry
Florida Fish and Wildlife Conservation Commission
Fish and Wildlife Research Institute

October 1, 2020
Facilitating a Network of Fish & Wildlife Information Managers by Leveraging Emerging IT Technologies

Anticipated Sessions
- Conservation on the Move - Mobile Technology
- The Future is Now - Student Research
- Reaching the Masses - Data Sharing/Social Media

Other Topics of interest
- New (and old) Technologies
  - GIS
  - Tools that improve efficiency
- TRACS (The new Wildlife and Sportfish Restoration Tracking and Reporting Tool)
- Revising State Wildlife Action Plans

Welcome to Texas!

Yee-haw!!!!

Texas Natural History Collection
Dean Hendrickson - University of Texas at Austin

- Not only data!
- A remarkably powerful platform for the advancement of knowledge and research on the ecological health of streams and rivers
- A model for open access, efficient delivery of data, and community driven data improvement

Multistate Aquatic Resources Information System (MARIS)
Andrew Loftis
MARIS Coordinator

Jeff Smith
WebGIS Developer, COMSO Inc.
Under contract to USGS, Core Science Analytics and Synthesis

Texas Wildlife Information Management Services (TWIMS)
Texas Parks & Wildlife Department, Wildlife Division
2008 – Present
Modeling Distribution of Stream Fishes with Derived Historical Metacommunity Samples

Jian Huang, Emmanuel Frimpong
Department of Fish and Wildlife Conservation, Virginia Tech

OFWIM, Oct. 16, 2012

Catching cane toads:
Determining biological differences in cane toad (Rhinella marina) trappability and assessing the effect of acoustic attractant position and light presence on cane toad capture rates

Alyse Yager1, John Comino2, Andrew Wilson3, Lin Schwarzkopf3, Deborah Bower3
1Reptile Department, Berlin University
2Myrmecology Studies Department, Savannah College
3School of Marine and Physical Biology, James Cook University

MDC Mobile: Using iPad’s for Collecting Field Data

Joel Sartwell
Systems Analyst
Missouri Department of Conservation
CYBERTRACKER - MOBILE DATA APPLICATIONS
Texas Parks and Wildlife, Wildlife Division

Integration of Tabular and GIS Technologies in a Web-based Data Query System
Presented at:
Organization of Fish & Wildlife Information Managers
Austin, TX
October 17, 2012
Bruce Schmidt
Pacific States Marine Fisheries Commission

At-sea Data Collection in the Salmon Fisheries Using GPS-enabled Android
John W. Larvadas, Wil Bierl, Alex Lawson (Advanced Research Corp)
Pete Lawson (NOAA)
Organization of Fish & Wildlife Information Managers
2012 Conference and Annual Meeting - Austin, Texas
October 17, 2012

Texas Fishing Mobile Web
Dyanne Cortez, John Taylor and Ken Kurzawski
Inland Fisheries Division

Leveraging Mobile Technologies (The MapInvasives Approach)
James E. Mairs
GIS Specialist
New York Natural Heritage Program
Invasive Species Database Program

ACCSP:
Good Data In, Good Data Out, Good Decisions
Julie M. DeFilippis
Atlantic Coastal Cooperative Statistics Program
Arlington, VA
A New Map-based Online Conservation Planning and Environmental Review Tool in Virginia

Organization of Fish & Wildlife Information Managers 2012 Annual Conference

WORKSHOP - Ornithological Crowdsourcing: An Innovative Approach to Data Collection
Jessica Zelt

Web Mapping Made Easy with Google Fusion Tables

Rossil Errill
Trivigr Parks & Wildlife Department

Citizen Science

The number of citizen science programs are growing at a rapid rate in large part due to the World Wide Web.

It is estimated that in the U.S. alone, approximately 15 million citizens are watching and recording birds (Birdtrackers, T. 2015).

But... although it is currently growing, it is certainly not a new idea.

WILDFIRE & SPORT FISH RESTORATION Organization of Fish & Wildlife Managers October 2012
Wildlife TRACS - Update
Jim Haniford
Fish and Wildlife Information Services/Permit Manager Permit & GIS/Data Science Team Leader WILDFIRE Resource Bureau Virginia Department of Game & Inland Fisheries

OFWIM 2013 Annual Conference September 30 – October 3, 2013 Schoodic Education and Research Center (SERC)
Leveraging Your Geo-spatial Data Investments with Quantum GIS: an Open Source Geographic Information System

Donald L. Schrupp – Colorado Division of Wildlife (Retired)
Danny Lewis – Texas Parks and Wildlife Department

SAFIS Anywhere: Development of a hand-held application for fisheries trip reporting

OFWIM 2014 Conference and Annual Meeting
Flagstaff, Arizona
Julia Delfs
Senior Data Coordinator, ACCSP

Field Data Collection on a Tablet Using Quantum GIS

Michael Barbour
Alabama Natural Heritage Program®
AU Museum of Natural History

Connecting Hunters, Biologists, and Enforcement in a Mobile World

Joe Kirby
IT - Application Development Supervisor
Missouri Department of Conservation

Using Tablets for Field Data Collection:

How the MDC’s Resource Science Division is using tablets for data collection.

Philip Marley & Joel Sartwell
A CWS Data Security Model
Presentation to OFWIM
September 29, 2014
Presenter: Eric Woodsaworth
Canadian Wildlife Service

Sharing data across regulatory and geographic boundaries improves landscape scale decision making
2014 OFWIM Annual Conference
September 29, 2014
Rebecca A. Scully, USGS/PNAMP
Co-Authors: Jacque Schell (USGS/PNAMP), Keith Stell (Sitra Technology Group)

What will you remember about your data in 10 years?
PReserving project documentation for the long term
2014 OFWIM Annual Conference
September 29, 2014
Presented by Jacque Schell (U.S. Geological Survey/PNAMP)
Co-authors: Jennifer Baye (U.S. Geological Survey/PNAMP), Keith Stell (Sitra Technology Group), Russell Scranton (Bonneville Power Administration)

Developing a National Fisheries Data Exchange Standard
Julie M. DeFilippis, Atlantic Coastal Cooperative Statistics Program
Andrew C. Schott, U.S. Geological Survey
Thomas Litts, Georgia Department of Natural Resources
Jennifer M. Baye, U.S. Geological Survey
Andrew Lottice, Lottice Consulting
Janice Gordon, U.S. Geological Survey

Biodiversity Information Serving Our Nation: BISON
160+ million mapped species occurrences, 50+ map layers includes ITIS-enabled search
A national unified resource for discovery, linkage, & mosaics of species occurrence data
http://bison.usgs.gov

Annie Simpson
Core Science Systems (CSS) Mission Area

Organization of Fish & Wildlife Information Managers — 30 September 2014
There's a word for that!

Keith Hurley
Nebraska Game and Parks Commission
Technology Survey Results

By:
Philip Morley
Data Standards and Technology Trends Committee

NAU’s New UAV Instrumentation

Temusden “Tekki” Sankey
Assistant Professor
Northern Arizona University

Web Maps With Leaflet
Presented at the Annual Meeting of the Organization of Fish and Wildlife Information Managers
September 30, 2014
Flagstaff, AZ

What Is TRACS?

Tim Smith
States and Stakeholders Liaison
Olympia, Washington

Program & Accomplishment Reporting Branch (PAR)
Commerce City, Colorado

Wildlife and Sport Fish Restoration Program (WSFR)
Falls Church, Virginia

U.S. Fish and Wildlife Service
Washington DC

OYWIM Conference Archives
2010-2019 Presentations

October 1, 2020
Welcome to Virginia
James Husband
Fish & Wildlife Information Services/Permits Manager
OFWIM Conference
September 28, 2015

Monitoring Explorer Online Map Viewer: Who is Monitoring What, Where, When and How?
September 28, 2015
Rebecca Scully, Katherine Pierson and Jennifer M. Bayer
U.S. Geological Survey/Pacific Northwest Aquatic Monitoring Partnership, Cooke, WA

Wildlife Management From A 10,000 Foot View

The Data Life Cycle: Making the Data Work for You
Organization of Fish and Wildlife Information Managers 2013 Conference and Annual Meeting
Williamsburg, VA

USGS Geological Survey (USGS)
USGS Science Data Catalog - Meeting Open Data Requirements
OFWIM - September 28, 2015
Mary Jo Martin
USGS Chief Scientific Data Integration & Visualization

APPALACHIAN UNIVERSITY

Speaker
Jessica Rhodes
Assistant Professor
GIS Lab Director
At-Sea Mobile Data Collection

Chris Gerecke and Lowell Ballard
Timmons Group

Mobile Apps Today

Joe Kirby
Application Development Supervisor
Missouri Department of Conservation

Blue Marble Geographics

Christian Ruenzi
Senior Account Manager

Monitoring Seasonal Habitat Change Using NDVI Analysis in Global Mapper

Collecting GIS Data With Echo Smart Pen

Lynn Barrett
GIS Analyst
Tennessee Wildlife Resources Agency

Assessing FINS for Virginia’s Freshwater Fish Data

Karen M. Horodysky
Virginia Department of Game and Inland Fisheries
Henrico, VA

OIFWIM 2020
Virtual Conference
A Tighter Line on Service
Fish Records in the 21st Century

Presented at the Annual Meeting of the
Organization of Fish and Wildlife Information Managers
September 29, 2015
Williamsburg, VA

Dyanne Cortez, Ron Smith,
and Danny Lewis
Texas Parks and Wildlife

Here We Go

Database projects in resource agencies are messy. They are often expansions of existing projects which bring along their own hiccups and expectations while living in an environment of constant change necessitating flexibility in design and execution. During 2014, we undertook the development of a new creel survey design, storage, and analysis system to replace a system that dates back over 20 years. To add to the difficulties, our creel methodologies are evolving and likely to change throughout the coming years. By separating the project into components, choosing the best tool for the job, and continuing forward with no small amount of faith and confidence, we have been able to move through the task of updating our creel database system. When working with messy projects, one needs flexibility, sometimes all that can be done is to step off the ledge. Here we go.

Keith Hurley - Nebraska Game and Parks Commission

Keith is a Fish and Wildlife Specialist – Database Manager with the Nebraska Game and Parks Commission. He holds a B.S. from South Dakota State University in Fish and Wildlife Science and a M.S. in Zoology/Ecological Science from Southern Illinois University in Carbondale. Current job duties include creation, maintenance, and operation of fisheries division databases, data mining of divisional data stores, coordination of statewide creel projects, statewide fisheries research, fisheries human dimensions research, divisional oversight of IT budget and purchasing, and whatever other odd jobs that can be assigned that might possibly involve the use of a computer and a keyboard.

What will you do with it?

Chris Burkett
Va Dept. of Game and Inland Fisheries
Sept. 29, 2015

The Development and Piloting of a Real-Time, Mobile Seafood Dealer Reporting Application for SAFIS

Organization of Fish and Wildlife Information Managers
2015 Conference and Annual Meeting
Williamsburg, VA

Presented by:
Anna Webb
Massachusetts Division of Marine Fisheries

Our vision is to be the principal source of fisheries data and information on the Atlantic coast through the coordination of all platform partners.

Achieving Business Aligned Information Technology

Erik Keller – Enterprise Architect, University of Missouri – Columbia
Darren Chiappinelli – Managing Director, Sistat Consulting
IOWA’S MASTER ANGLER PROGRAM - DIVING INTO AGILE SOFTWARE DEVELOPMENT HEAD FIRST
Jeff Kopaska
Iowa Department of Natural Resources

OFWIM 2016 Annual Conference
October 2 – 6, 2016
Ponca State Park, Ponca, Nebraska

A Tool for Identifying Potential Threats to Species on a Landscape Level
An example geared towards endangered freshwater mussels in Missouri
Kayla Key
kkeye@missouri.edu

Tools for Tool Selection: Choosing hardware/software to meet Fish & Wildlife Project Needs
Kristin Rogers
Florida Fish and Wildlife Conservation Commission

Mapping Lake Sturgeon Spawning Habitat in the Upper Tennessee River Using Side Scan Sonar
Daniel J. Walker & J. Brian Alford
Department of Forestry, Wildlife, and Fisheries
University of Tennessee – Knoxville
3 Oct 2016

Introducing the PFLCC Conservation Planning Atlas
Beth Stys, Florida Fish & Wildlife Conservation Commission

O'Fallon, MO – October 1, 2020
MIT App Inventor

Create your own Mobile Data Collection App using simple drag and drop technology

CarolAnne Fuchs
IT Business Analyst

Online environmental review for protected species: Challenges and lessons learned

Rachel Simpson
Nebraska Game and Parks Commission

How Deep Can Minds Go with the Computer Science Internships in Conservation Research: From Android Apps to Artificial Intelligence... and Solving Differential Equations Too.

Joel Sartwell
Systems Analyst, Missouri Department of Conservation (MDC)

Texas Parks and Wildlife Drawn Hunts

Jon Purvis
Texas Parks and Wildlife Organization of Fish and Wildlife Information Managers
October 2016

Temperature monitoring Nebraska’s coolwater streams and implications for future management

Kreit Roth
Nebraska Game & Parks Commission
kreit.roth@nebraska.gov

Waterfowl Hunting Daily Harvest Data Collection

Joe Kirby
Enterprise Information Architect
joe.kirby@nebraska.gov
October 1, 2020

**Multitasking Myth Busting**
Keith Hurley
Nebraska Game & Parks Commission

**Findings from a Search for R Spatial Analysis Support**
Donald L. Schupp – Wildlife Ecologist
Colorado Division of Wildlife (Retired)

**A pheasant researcher notebook:**
what we are learning about pheasants and pheasant hunters in Nebraska
TJ Fontaine
Nebraska Cooperative Fish and Wildlife Research Unit
PRODUCTION QUALITY GRAPHICS AND CHARTS WITH R
2016 Webinars and Conference Workshop
Presenter: Dr. Chris Chadzki
University of Nebraska – Lincoln/ School of Natural Resources
October 6, 2016
This workshop was held in conjunction with OFWIM’s 2016 Conference at Peru State Park, Nebraska. Recordings of two preparatory webinars are offered here, along with information on obtaining and installing the R software.

GIS Technology and Data Management – Partners or Foes?
More Issues for Database Managers and GIS Analysts
Ponitification by: Jason Duke, USFWS
Organization of Fish and Wildlife Information Managers
2017 Annual Conference
Chattanooga, TN

Organization of Fish & Wildlife Information Managers
2017 Annual Conference & Business Meeting
October 1–3, 2017
Chattanooga, Tennessee

A Picture Is Worth 1,000 Words:
Showing and Sharing Your Data in a Compelling Way

OFWIM – 2017 Annual Conference
What Does Web GIS Really Mean for Fish and Wildlife Agencies?
Mike Bilousoz, Esri

Data mining with grit:
The case of youth multi-year fishing and hunting license holders
Susan Steffen
Human Dimensions Specialist
Fisheries Research
On the Path to Mapping Riparian Communities Across the State of Arizona
Austin B. Smith

Developing "Best Practices" in Data Management, Data quality, and Data Integration of Big Data
John Barry Taylor

EMPOWERING CITIZEN SCIENTISTS THRU GIS
Chris Gerecke, Timmons Group

Retaining and Reactivating NY Anglers
Greg Kozlowski
December 14, 2016

OFWIM Tools Inventory & Project Discovery Guide
Karen Horofisky, Virginia Department of Game and Inland Fisheries
Matt Burlingame, Indiana Department of Natural Resources
Kristin Rogers, Florida Fish and Wildlife Conservation Commission

WRESTLING WITH RECRUITMENT
Matt Burlingame, Indiana Department of Natural Resources
A user-friendly tool to identify potential threats to species on a landscape level

An example geared towards endangered freshwater mussels in Missouri

Kayla Key
kikmar2@mail.missouri.edu

Ecologically Informed Water Management

Emily Tracy-Smith1, Craig F. Paukert1,2, Nick Shoemaker3, Paul Blanchard4, Matt Combs4, Del Tobe4, and Jason Pechenik4
1UM, Department of Natural Resources (University of Missouri); 2Missouri Cooperative Fish and Wildlife Research Unit; 3UM, Geological Survey; 4UM, Department of Conservation, Resource Science Center

Impact of Water Fluctuations and Intermittency on Stream Biota Community Structure

Isabel F. Papatamou, Donald Walker, Joshua Perkin
Tennessee Technological University

Toolkit for Assessing and Monitoring Stream Channels and Riparian Corridors Using LiDAR

Dyan Pursell, GIS Specialist

Neutrophil:Lymphocyte Ratios as a Measure of Chronic Stress in Populations of the Hellbender (Cryptobranchus alleganiensis) Across a Habitat Quality Gradient

Allison Litmer and Christopher Murray
Tennessee Technological University

SOUTH DAKOTA GAME, FISH and PARKS
The Creation of a Comprehensive Aquatic Database using a Commercial off-the-Shelf (COTS) Solution
Chesna Hrusa; GIS Coordinator
Considering an Existing Application as a Solution for an Agency’s Fisheries Database Needs

Karen Horodysky
Virginia Department of Game & Inland Fisheries

Matthew Burleson
Indiana Department of Natural Resources

Aquatic Conservation at Different Spatial Scales

Sarah Sweat
Tennessee Aquarium Conservation Institute
Chattanooga, TN

Setting Up and Deploying Geospatial Data Shares Using the QGIS Server Application

Donald L. Schupp - Wildlife Ecologist
Colorado Division of Wildlife (retired)

Accuracy Assessment of GPS Data from Mobile and Dedicated GPS Devices

Michael S. Barbour
Alabama Natural Heritage Program®

Lake Bathymetry Mapping with a Raspberry Pi and Open-Source Software

Powell Wheeler
District Fisheries Biologist

Luke Etchison
Aquatic Diversity Biologist

Making a Map from Start to Finish

Kurt Sprick, U.S. Fish & Wildlife Service

Abstract:
Follow instructions Kurt Sprick and Lynn Barret as they walk students through the process of creating a map layout in ArcGIS. Along with guiding you through the “tips to” of navigating the layout tools in ArcGIS, Kurt and Lynn will infuse nuggets of cartographic design theory, convention and tips to help you create maps and other outputs that are pleasing to the eye and communicate your message with efficiency. Based on feedback from the training audience, we’ll demonstrate property student trainees for ArcGIS Desktop. Get tips to create the best cartographic output during this hands-on workshop.

Biography:
Kurt Sprick is a cartographer with the U.S. Fish and Wildlife Service in Cookeville, Tennessee. He has been with the Service for 33 years and spent the first 5 years of his career at the National Wildlife Inventory in St. Petersburg, Florida, mapping the wetlands of the United States.

Kurt helped develop and teaches a week-long cartographic design course for USFWS at their national training center as well as cartography at Tennessee Tech University in Cookeville.

Kurt also serves on the Tennessee Conservation Advisory Board. Kurt has a graduate degree in geography from the University of South Florida, has been married for 33 years and has 4 children. His interests outside of GIS and cartography include playing the drums and coaching baseball.
Let's Partner: Moving forward together

2018 OFWIM Annual Conference

Social Fishing Apps: A New Data Collection Tool for Fisheries Management

Dustin Martin, Ph.D.  Chief Data Scientist
401-890-2234  dustin@lsonar.com

A Tool for Data Consolidation and Standardization

Karen Hornady
2018 OFWIM Annual Meeting
Hood River, Oregon
5 November 2018

Efficiency and Opportunities Gained with a Data Exchange API

Greg Wilke,
PSMFC, STREAMNET Project

Updating the Biota Information System of New Mexico User Interface
A Building Block of the New Mexico Conservation Information System

Ginny Seamster, Ph.D.
New Mexico Department of Game and Fish
OFWIM Meeting, November 4-8, Hood River, Oregon

The Environmental Data Initiative’s Ecological Data Management Training Program: The Experience of a Summer Fellow at Archbold Biological Station

By Gabriel Kamener
2018 Summer Fellow, EDI
Research Data Assistant, Archbold Biological Station
Survey123 and Collector for ArcGIS - What's New?
Matt Taraldsen
Solutions Engineer

Mapping & Quantifying Xerorparian Across the Arid Deserts
Arizona Game & Fish Department
Austin R. Smith

Wild & Wonderful West Virginia
Mack Frantz, PhD, WVDNR Zoologist
Brandy Bachman, WVDNR GIS Technician

Training Overview
Decision Analysis and Ecological Adaptation
Christy Coghlan
NCTC/Course Coordinator

Underwood In-Lieu Navigation & Restoration Project
DATA SHARING
PARTNERSHIP, COLLABORATION & ETHICAL OBLIGATION
@UVADataScience
ARLYN BURGESS
OCTOBER 7, 2019
ARLYN.BURGESS@VIRGINIA.EDU

Wildlife Licensing System Data Dashboards
Alleviating Data Requests and Empowering Data Driven Decision Making
Presented By: Stephen Stetten

ArcGIS Solutions for R3: Leverage ArcGIS Maps & Apps to Increase Participation
2019 OFWIM Conference
Mike Balchow

Field Guide to Freshwater Fishes of Virginia
P A U L A V I N N E R
O C T O B E R 1 1 , 2 0 1 9
Database Management of the VIMS
The Nunnally Ichthyology Collection

Dr. Sarah Huber
Curatorial Associate and Collection Manager
Virginia Institute of Marine Science

ASSESSING THE TRANSFERABILITY OF A FRESHWATER MUSSEL FUNDAMENTAL NICHE MODEL WITHIN THE OZARK ECOREGION, MISSOURI.

Jordan N. Holsberth, Amanda Roenberge, Keith Lee, Garth Linder

Keith Hurley
The Lies We Tell Ourselves
Nebraska Game and Parks Commission

Effects of Land-use change and non-native species on native fish species abundance patterns and biotic homogenization in the New River Basin

Legan J. Sweeney
M.S. Student
Department of Fish and Wildlife Conservation
Virginia Polytechnic Institute and State University

Dr. Daniel McInerney
Center for Environmental Studies
Virginia Commonwealth University

Look at Me
I have something I want to share with you

Modeling Fundamentally Suitable Freshwater Mussel Habitat
Duck River Drainage, Tennessee
"WEED" Data Acquisition Software
Wildlife Environment for Electronic Data

Chris Banek
Virginia Institute of Marine Science
OFWIM Annual Meeting
October 2019

Making In-Stream Tributary Data Findable, Accessible, Interoperable and Reusable (FAIR)
Rebecca Scully, USGS/PNAMP
October 9, 2019

eMammal as an example of a data pipeline, repository, and outreach tool for wildlife images and metadata

ArcGIS Field Mobility Tools – What’s New?
Mike Bratoutz

Tracking Chronic Wasting Disease in Missouri
Craig Stromgren & Julie Fleming
Missouri Department of Conservation

Florida Fire Occurrence database and web application
Beth Stys
Florida Fish and Wildlife Conservation Commission
https://flfpa.databasin.org/
iMapInvasives 3: Updating a Collaborative Invasive Species Data Management Tool

Michael Barbour
Arizona Heritage Data Management System

Georeferencing a Map in QGIS: a Brief Tutorial

Donald L. Schrupp – Wildlife Ecologist
Colorado Division of Wildlife (retired)

New frontiers for "big data" in fish biology and climate change research

Nathaniel (Than) Hilt1
Craig Snyder2
John Young2
Karl Rogers2
C. Andrew Dolloff2
Nicholas Polys3

1 USGS Leetown Science Center
2 US Forest Service and Virginia Tech
3 Virginia Tech

Advanced Research Computing Group

Use of Predicted Suitable Habitats of Rare Species in an Environmental Review Tool

Joe Weber
Virginia Department of Conservation and Recreation
Division of Natural Heritage

THE BIODIVERSITY AND ECOSYSTEMS A-16 THEME: RESPONDING TO NEW GUIDANCE

OFWIM - October 9, 2019
Marcia McNiff/USGS
Biodiversity and Ecosystems Theme Lead
Thanks to:

**OFWIM Conference Presenters**
- Dyanne Cortez - OFWIM Web Master
  (Texas Parks & Wildlife - retired)
- Greg Wilke - OFWIM Website Support
  (Pacific States Marine Fisheries Commission)

Visit: [http://www.ofwim.org/meetings/conference-archives/](http://www.ofwim.org/meetings/conference-archives/)

**Virtual Conference & Business Meeting**
October 5-6, 2020