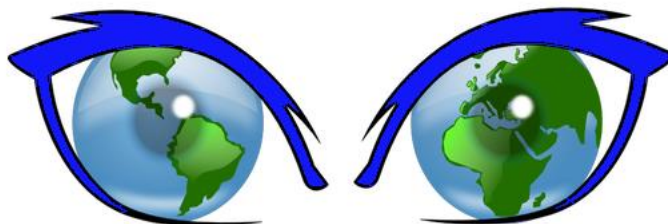# 2020 Annual TNGIC Conference

TNGIC

2020 GIS VISION

MeadowView Marriott
Conference Resort & Convention Center

1901 Meadowview Parkway,
Kingsport, Tennessee 37660 USA

April 8-9, 2020
(Pre-Conference Training April 7, 2020)

<u>We are planning for:</u>
Awesome Keynote Speakers
A great lineup of presenters
Wednesday Night Social – Food, Band, and Cornhole
Pre-Conference Golf and Disc Golf
Awesome Pre-Conference Training Opportunities
Map Gallery with Awards
Door Prizes

*Please Visit the TNGIC Web Site
for more information at www.tngic.org*

Keynote Speaker: Wednesday, April 8, 2020

Lawrie Jordan
Corporate Director of Imagery and Remote Sensing
Special Assistant to Jack Dangermond
Esri

     Lawrie Jordan is Corporate Director of Imagery and Remote Sensing for Esri, as well as Special Assistant to Esri founder and President, Jack Dangermond. He is a native of Athens, Georgia and his background education is in Landscape Architecture, with degrees from The University of Georgia and Harvard University. He was co-founder and President of ERDAS, Inc. for more than 20 years.
Lawrie is a member of the European Academy of Sciences and Arts, as well as recipient of the Geospatial World Leadership Lifetime Achievement Award. He is also grateful to be the recipient of the U.S Government's medal for Outstanding Support and Patriotism.

Keynote Speaker: Thursday, April 9, 2020

Jason Duke
Chief Data Officer
US Fish and Wildlife Service
Washington, DC

Jason Duke is the Chief Data Officer (CDO) for the US Fish & Wildlife Service (USFWS) out of Washington, DC. Jason oversees all data management governance for the agency and was the first CDO hired at any Bureau in the Department of the Interior. Jason is based out of Tennessee, with monthly trips to the mothership in Washington, where he steers the course of the USFWS in regard to data management. The US Fish & Wildlife Service, under his leadership, has drafted a Data Management Policy, Data Management Plans, new Internal and External websites to communicate all things related to data, planned a Service-wide 2020 Data Management Workshop at the National Conservation Center for June, 2020, produced training videos, developed lists of all systems in use by the agency and worked to determine the data lake of the Service (a large pool of all systems storing data and how they are served, housed and related). Data management affects us all and the recent passage of the Geospatial Data Act, the Foundations for Evidence-Based Policymaking Act, the OPEN Government Data Act and the Federal Data Strategy require that all government data that are not classified due to sensitivity are standardized, in machine-readable data formats and have their metadata hosted in the data.gov catalog. Jason serves on the Department of the Interior Data Governance Board and he chairs the USFWS Data Governance Board.

Jason has been a TNGIC member since 1993 and has served as President for 5 terms as an advocate for GIS for all. He has taught GIS I and II at Tennessee Technological University since 1996, and is currently a PhD Student himself at the University of Arkansas in Information Quality. Jason is an alumnus of the Information Systems and the MBA programs at Tennessee Technological University. Jason keeps a myriad of professional certifications current – GISP, CISSP, CISA, CISM, CRISC, A+, Network+, MCSE, MCP and is a Cybersecurity Professional. Jason advocates to all that the sky is the limit with GIS and he got his start with Arc/INFO 4 on a PRIME minicomputer at USGS in Nashville in 1990. He transferred to the USFWS in 1993, and 2020 makes 30 years that Jason has been an active GIS user.

The 2020 TNGIC Annual GIS Conference Map Gallery

Map Judging and Awards
Our map contest will feature awards in 6 categories:

Best Cartographic Design - Awarded to the map that artistically employs the elements of cartography without compromising use and functionality. Maps will be judged on fundamental cartographic principles including figure ground representations, visual hierarchy, color selection, typography, symbology, overall aesthetic appearance, etc.

Best Analysis - Awarded to the map that is best designed to display the results of spatial data analysis and presents the information in an unbiased way, allowing the viewer to extract their own conclusions, utilizing the map as a tool.

Best Student Map - Awarded to the best overall student map. Submitted maps may be cartographic or analytically focused. Student maps and research posters are separate categories. Student Maps contain all the information being conveyed are within the confines of the map's border. Maps will be judged on basic cartographic design principals as well as effectiveness in communicating the intended message.

Best Student Research Poster – Awarded to the best overall student research poster. Student research posters must have some spatial component to the research, and contain at least one map, but may also contain written narratives, charts, photos, graphics, statistical analysis, etc. Posters will be judged on the overall design of the poster and its ability to guide the viewer through the research project from hypotheses to conclusions. Students may formally present their posters to the judges during the time listed in the conference proceedings, however, attendance during judging is optional.

Best Online Map or App – Awarded to the best Online Map or App (such as a dashboard or story map). Map entries will be judged before the conference. All web maps or apps must be made public (not password protected). Maps will be accessible for conference goers via hyperlinks in the conference app, as well as in the map gallery. This category will not be eligible for the Viewer's Choice award. Maps and Apps will be judged on the effectiveness of the overall design, symbology, labeling, and/or popups in conveying the information about the given topic. The map or app must contain at least one layer that was either collected by the entrant or generated from their analysis.

Viewer's Choice – Award chosen by the attendees for the best overall physical map in the map gallery. Maps entered the day of the conference are eligible for viewer's choice.

Conference Proceedings
• Maps are to be checked in at the conference registration table.
• Authors may be available in the map gallery at a time designated in the conference agenda to answer questions about their map (attendance during judging is optional).
• Award recipients will be announced during lunch of the second day of the conference and be posted on the TNGIC website.