

**Qihao Weng** is the Director of the Center for Urban and Environmental Change and a tenured Full Professor at the Department of Earth & Environmental Sciences, Indiana State University, USA. He was a visiting NASA Senior Fellow at Marshall Space Flight Center (2008-09). Dr. Weng is also a Guest / Adjunct Professor at several Chinese universities including Peking University, Hong Kong Polytechnic University, Wuhan University, Beijing Normal University, and Tongji University, and a guest Research Scientist at Beijing Meteorological Bureau, China. He received a Ph.D. in geography (remote sensing) from the University of Georgia in 1999. At the same year, he joined the University of Alabama as an Assistant Professor. Since 2001, he has been a member of the faculty at Indiana State University, where he teaches courses on remote sensing, digital image processing, remote sensing-GIS integration and environmental modeling, and has since mentored 11 doctoral and 10 master students.

Dr. Weng's research focuses on remote sensing analysis of urban environmental systems, land-use and land-cover change, urbanization impacts, and human-environment interactions. He has worked extensively with optical and thermal remote sensing data, and more recently with LiDAR and nighttime image data, primarily for land surface temperature and urban heat island studies, land-cover and impervious surface mapping, urban growth detection and modeling, feature extraction, image analysis algorithms, and the integration with socioeconomic characteristics, with financial support from funding agencies of USA, Hong Kong, and China that include NSF, NASA, USGS, USAID, NOAA, National Geographic Society, Indiana DNR and HK RGC. Dr. Weng is the author of over 160 peer-reviewed journal articles and other publications and 8 books (*Urban Remote Sensing; Remote Sensing of Impervious Surfaces; Remote Sensing and GIS Integration; Advances in Environmental Remote Sensing; Introduction to Contemporary Remote Sensing; Remote Sensing of Natural Resources; Scale Issues in Remote Sensing; and Global Urban Monitoring and Assessment through Earth Observation*). According to Web of Science, by August 31, 2014, SCI citation over 2943 (without self-citation), with H-index of 28.

Dr. Weng was the recipient of the Robert E. Altenhofen Memorial Scholarship Award by ASPRS (1999), the Best Student-Authored Paper Award by the International Geographic Information Foundation (1998), and the 2010 Erdas Award for Best Scientific Paper in Remote Sensing by ASPRS (1<sup>st</sup> place). At Indiana State University, he received the Theodore Dreiser Distinguished Research Award in 2006 (the university's highest research honor) and Lilly Foundation Faculty Fellow in 2005 (one of the six). In May 2008, he received a prestigious NASA senior fellowship, allowing him to work at Marshall Space Flight Center on the concept development of a new hyperspectral sensor and its applications. In April 2011, Dr. Weng was named as the 2011 Recipient of Outstanding Contributions Award in Remote Sensing by American Association of Geographers (AAG). Dr. Weng has given 80 invited talks (including keynote address, public speech, colloquia, seminars), and has presented over 100 papers at professional conferences (including co-presenting).

Dr. Weng is the Leader for GEO's Global Urban Observation and Information Task (2012-15). He was a National Director of ASPRS (2007-2010), and the Secretary of ISPRS Working Group VIII/1 (2004-08). He has been the organizer and Program Committee Chair of the biennial IEEE/ISPRS/GEO sponsored International Workshop on Earth Observation and Remote Sensing Applications (EORSA) since 2008.

Dr. Weng has been an Associate Editor for *ISPRS Journal of Photogrammetry and Remote Sensing* since January 2009. In addition, Dr. Weng is the Book Series Editor for *Taylor & Francis Series in Remote Sensing Applications*. He also serves as a member of the Editorial Board for a number of journals (including: *Sensors, Remote Sensing, Frontiers in Environmental Informatics, Information Processing in Agriculture, Journal of Climatology, and Journal of Sensors*). He was a primary Guest Editor for special issues in the following journals: *Remote Sensing of Environment* (2006, 2012), *IEEE J-STARS* (2008, 2009), *IEEE Geoscience and Remote Sensing Letters* (2013, 2014), *Sensors* (2008), *Geocarto International* (2013), *Journal of Applied Remote Sensing* (2012), and *Asian Geographer* (2003).

More details about Qihao Weng can be found in his Curriculum Vitae, or at <http://qihaoweng.net/>.