

遥感快讯

REMOTE SENSING NEWSLETTER

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主办：中国地理学会环境遥感分会
中国遥感委员会

第十一届数字中国发展高层论坛暨信息主管峰会成功举办

以“‘数字（智慧）中国’数字生态与智慧产业发展战略”为主题的“第十一届数字（智慧）中国发展高层论坛暨信息主管峰会(DCDF2014)”，于2014年12月16—18日在贵州师范大学宝山校区举行。本次论坛由贵州科学院、北京大学数字（智慧）中国研究院、国际数字地球学会中国国家委员会、人民日报社《民生周刊》杂志社和贵州师范大学联合主办，由北京大学、国际数字地球学会、中国遥感委员会作为指导单位。论坛为期三天，来自中央和地方政府相关部门负责人、高校及科研院所专家、国内外企业代表等相关人员与会。贵州省大数据产业专家咨询委员会副主任、省政协副主席、我校副校长谢晓尧主持开幕式，并就“大数据在贵州的应用”做了主题演讲。

本次会议包括主论坛第十一届数字（智慧）中国发展高层论坛暨信息主管峰会和九个分论坛。目的是为了促进各级政府与科技、教育、产业、经济等各界人士在“数字（智慧）中国”领域的相互合作，培育“数字（智慧）中国”产业链，推动“数字（智慧）中国”又快又好地发展。

据此次高层论坛峰会包括主论坛、数字（智慧）城市发展论坛、中国信息主管峰会（CIO峰会）和九个分论坛。论坛峰会同期举办“2014’数字（智慧）中国成果与技术展览”。峰会主题围绕“‘数字（智慧）中国’数字生态与智慧产业发展战略”进行了期三天的讨论。论坛议题不仅包括生态环境遥感监测与数字生态、“数字（智慧）中国”、“数字（智慧）地球”平台与服务模式、更有“数字（智慧）中国”工程（电子政务、电子商务、数字减灾与智慧应急、智慧城市、城镇、园区、智慧社区、农村信息化、数字海洋、数字流域/水利、数字能源/资源环境、数字家庭与智慧健康等）实践、“数字（智慧）中国”理论与发展战略、“数字（智慧）中国”技术（遥感、网格GIS与三维可视化、卫星定位与导航、大数据、物联网、云计算、空间信息集成与共享等）创新、空间信息学科建设与“数字（智慧）中国”人才发展战略等内容。

本届论坛是院地合作的重要高层次会议，更是一场关于探寻数字生态-智慧产业可持续发展的交流盛会。会议的顺利召开，必将为数字（智慧）中国技术及应用领域开辟新的征程，推进数字（智慧）中国的发展建设。此前分别在北京、深圳、重庆等地成功举办的十届论坛，均取得了很好的社会效应。“数字（智慧）中国发展高层论坛”是在国家信息化、数字化发展战略层面，展示“数字（智慧）中国”成果的国内高水平交流平台。旨在促进各级政府与科技、教育、产业、经济等各界人士在“数字（智慧）中国”领域的相互合作，培育“数字（智慧）中国”产业链，推动“数字（智慧）中国”又快又好地发展。

李小文基金成立仪式举行

2014年1月25日上午，北京师范大学李小文基金成立仪式暨新闻发布会在英东学术会堂举行。科技部国家遥感中心主任廖小罕，中科宇图天下科技有限公司副总裁郭站君，北京超图软件股份有限公司副总裁王康弘，中国科学院遥感与数字地球研究所副所长赵千钧，电子科技大学和中国科学院院士工作局等相关单位负责人应邀出席。我校党委书记、教育基金会理事长刘川生，常务副校长史培军，副校长郝芳华，以及相关院系、职能部门负责同志，李小文先生生前好友、同事、学生等200余人出席活动。郝芳华副校长主持仪式。

仪式上，全体与会人员首先向李小文先生默哀，随后观看了李小文先生的纪念短片，追忆先生的生平事迹。李小文先生是我国著名遥感学家、地理学家、中国科学院院士，我校地理学与遥感科学学院教授、博士生导师，是中国遥感界的领军人物。李小文先生于2015年1月10日在北京逝世，享年67岁。先生生前曾先后在美国波士顿大学、中国科学院遥感与数字地球研究所、我校和电子科技大学任教和从事科学研究。他在光辉的一生中，培养了众多德才兼备、成就卓著的科技人才，为国家科学研究和科技创新作出了卓越贡献。李小文先生受到很多人的关注和喜爱，是受到媒体广泛报道的“布鞋院士”、“扫地僧”，是我校师生评出的“感动师大新闻人物”。

地理学与遥感科学学院分党委书记葛岳静在发言中指出，我们热爱他，不仅因为他是泰斗，更因为他是接地气的真人；我们敬仰他，不仅因为他是院士，更因为他是传道授业解惑的教师；我们怀念他，不仅因为他的才华，更因为他的执着守土精神。

刘川生书记在致辞中表示，李小文先生正是“四有”好老师的光辉典范，他深刻诠释了“学为人师，行为世范”的深刻内涵，是我们永远学习的榜样。学校设立李小文基金，以此感念李小文先生的光辉成就和高尚师德，学习他安安静静做学问、聚精会神育英才的卓越品格。

赵千钧副所长表示李小文基金的成立是一件值得欣慰的事情，相信基金的成立定会让李小文先生挚爱一生的地理学与遥感科学事业发扬光大。

史培军常务副校长代表学校宣读了成立李小文基金的决定。李小文基金的成立得到了其家属的认同和支持，以及中国科学院遥感与数字地球研究所、电子科技大学等多家单位的积极响应。中科宇图天下科技有限公司、北京超图软件股份有限公司为基金慷慨捐赠，郝芳华副校长代表学校分别与两家公司签署了捐赠协议。

为纪念和弘扬李小文先生崇高的科学精神，我校发起并设立以李小文先生名字命名的公益基金。基金将用于支持地理学与遥感科学的学科建设，引进高层次教学科研人才，培养和造就具有国际领先水平的学科带头人；支持人才培养，设立奖教金，奖励师德高尚、教学科研成绩突出的教师，扶持青年教师和科研工作者；设立奖助学金，奖励和资助品学兼优、执着科研的学生。

《遥感学报》《中国图象图形学报》荣获 新闻出版业百强网站和优秀网站

2015年1月27日，由中国出版协会和中国新闻出版研究院主办的第八届全国新闻出版业网站年会暨新闻出版业互联网发展大会在京召开。会议公布了2014年全国新闻出版网站评选结果，中国科学院遥感与数字地球研究所主办的《遥感学报》、《中国图象图形学报》分别荣获新闻出版业百强网站、优秀网站，学报编辑部主任、专职副主编闫珺获评年度创新人物。

作为新闻出版网站每年一届的行业盛会，第八届全国新闻出版业网站年会以“融合发展，互补共荣”为主题，通过举办全国新闻出版网站系列评选活动，评选出一批依托自营网站与移动客户端、社交网站、电子商务等新媒体整合重组，深度融合的出版单位，为业内树立创新典范，推广创新经验，梳理阶段性成果，促进行业网站共同发展。年会发布了《2014年全国新闻出版业网站运营分析报告》，按照数字出版平台、期刊网站、电子商务、数字教育、企业门户五大类别，评选出2014年全国新闻出版业百强网站、融合发展示范网站、优秀网站、年度创新人物，优秀CIO（首席信息官）五类奖项。《遥感学报》网站（www.jors.cn）凭借融合多种媒体，搭建纸刊、网刊到微站的多元化立体出版平台等特色荣获新闻出版业百强网站。《中国图象图形学报》网站（www.cjig.cn）集成开放获取数字出版、图像图形资源数据库、专业信息服务等多功能，荣获新闻出版业优秀网站。《遥感学报》、《中国图象图形学报》编辑部主任、专职副主编闫珺在2014年全国新闻出版业网站系列荣誉评选中获评年度创新人物。

中国新闻出版研究院党委副书记纪委书记荣庆祥，中国出版协会常务副理事长邬书林，中国新闻出版研究院院长魏玉山等领导、知名专家以及来自全国新闻出版行业、互联网公司、数字技术服务商等200多位代表出席了会议。



获奖网站及荣誉证书

ICRSA 2015

2015 International Conference on Remote Sensing and Applications will be held in Los Angeles, USA during April 9-10,2015. The aim of ICRSA 2015 is to provide a platform for researchers, engineers, academics as well as industry professionals from all over the world to present their research results and development activities in the area of Remote Sensing and Applications . This conference provides opportunities for delegates to exchange new ideas and research findings in a face to face environment, to establish business or research relationships and to find global partners for future collaboration.

Submitted conference papers will be peer reviewed by the program and technical committees of the Conference.

Call for Paper

2015 International Conference on Remote Sensing and Applications (ICRSA 2015) is the premier forum for the presentation of technological advances and research results in the fields of Remote Sensing and Applications. ICRSA 2015 will bring together leading engineers and scientists in Remote Sensing and Applications from around the world.

Topics of interest for submission include, but are not limited to:

- Numerical Weather Prediction and Data Assimilation
- Unexploded Ordnance and Landmine Remediation
- Optical and Infrared Modeling
- SAR Processing
- Radiometer Instruments and Calibration
- Passive Optical and Hyperspectral Sensors
- Remote Sensing Data and Policy Decisions
- Atmospheric Sounding
- Image Processing Techniques
- Classification and Data Mining Techniques
- Microwave Scattering and Propagation
- SAR Instruments, Missions and Calibration
- Active Microwave
- Lidar Sensors
- UAV and Airborne Platforms
- Education and Remote Sensing
- Large Scale Remote Sensing
- Close Range Sensing
- 3D Modeling
- GIS and Sensing
- Spatial Technologies and Landscape
- Virtual Landscapes
- Sensing and Urban Context
- Virtual Reality and Cyber-Archaeology

Important Date

- | | |
|---------------------------------|------------------|
| ➤ Paper Submission (Full Paper) | January,25, 2015 |
| ➤ Notification Day | February,15,2015 |
| ➤ Registration Deadline | February,25,2015 |
| ➤ Conference Date | April 9-10, 2015 |

Contact Us

The secretary's office of ICRSA 2015 will collect your paper contributions and respond to your queries. The paper review process will be completed by the Program Committee and Technical Committee members. If you have any questions, please feel free to contact our conference secretary.

Ms. Yashin Tu

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ISRS 2015

We cordially invite you to the International Symposium on Remote Sensing (ISRS) 2015 held in Tainan, on 22-24 April 2015.

Topics

1. Sensors and Platforms

- Optical Sensor
- Microwave Sensor
- Satellite Platform
- Airborne Platform
- Unmanned Vehicle
- Others

2. Remote Sensing Applications

- Land
- Ocean
- Atmosphere
- Water resources
- Food security
- Climate Change
- Public Health
- Others
- Hazard Mitigation
- Landslide
- Earthquake
- Fire
- Volcano
- Tsunami
- Others

3. Method development and Image Processing

- Data Fusion and Data Mining
- Calibration and Registration
- Classification
- Feature Extraction
- DEM/3D modeling

- Change Detection
 - Data Compression
 - Microwave and Lidar Processing
 - Synthetic-aperture radar (SAR) and Interferometric Synthetic Aperture Radar (InSAR) Processing
 - Others
4. Geographical Information Sciences (GIS)
- Integration of Remote Sensing and GIS
 - Mobile GIS
 - Data quality and Spatial Data Standards
 - Data Interoperability
 - Social Media
 - Cloud Computing
 - Others
5. Mapping
- Mobile Mapping
 - Photogrammetry
 - Others
6. Global Navigation Satellite Systems (GNSS)
- GNSS application
 - Indoor and Outdoor Navigation
 - Location-Based Service
 - Others
7. Education
- Capacity Building, Education, and Training
 - Outreach

Important Dates

- Abstract Submission Deadline 22 December 2014 (postponed to Jan. 23, 2015)
- Abstract Acceptance Notification 15 January 2015 (postponed to Feb. 6, 2015)
- Full Paper Submission Deadline 28 February 2015
- Early Registration Deadline 28 February 2015
- Online Registration Deadline 21 April 2015
- ISRS 2015 22-24 April 2015

Contact Us

For more information, please contact us by e-mail

E-mail: info@isrs2015.asia

Website: <https://isrs2015.asia>

ISALSaRS'15

The 4th International Symposium on Atmospheric Light Scattering and Remote Sensing (ISALSaRS'15) will be held in Wuhan, China during June 1-5, 2015. The ISALSaRS'15 will follow the history of this symposium series and continue to tackle emerging theoretical and observational issues in atmospheric sciences. As is generally acknowledged, observation, validation, and theoretical simulation are highly integrated components of atmospheric remote sensing. In recent years, active and passive remote-sensing techniques and theories

for measuring atmospheric and other environmental variables have advanced rapidly. The symposium welcomes science community around the world to report their latest results and discuss future directions of atmospheric light scattering and remote sensing.

Wuhan, capital of Hubei province, is the largest city in central China. Lying in the eastern Jiangnan Plain at the intersection of the middle reaches of the Yangtze and Han rivers, Wuhan is a major transportation hub, with dozens of railways, roads and expressways passing through the city. Nor is Wuhan without its attractive scenery and rich oriental history. The East Lake and the Yellow Crane Tower, first built in approximately 220 AD tell a long story of the city. The symposium will be held in Wuhan University, a comprehensive and key national university which is also honored as the “Most Beautiful University” in China. The organizing committee expects a great meeting with atmospheric scientists from throughout the world in Wuhan University.

The topic of this conference include

- Light scattering and radiative transfer in the atmosphere
- Active and passive remote sensing techniques of the atmosphere including CO2
- In-situ measurements of atmospheric components
- Cross-cutting and integrated observations of the atmosphere
- Multi-wavelength lidar used in earth observation
- Middle and upper atmosphere observation

Important Dates:

- March 20, 2015 Deadline for Abstract submission and Registration
- April 3, 2015 Assigned Session and Presentation Type notification
- May 31, 2015 Conference check-in from 15:00 to 20:00 in the main venue
- June 1 – June 5, 2015 ISALSaRS' 15

Contact Us

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Fax: +86-27-68778229
Website: <http://www.isalsars.org>

EARTHVISION 2015

The Earthvision 2015 will be held in Boston MA on 12th of June 2015. Earth Observation (EO) is an ever-growing field of investigation where computer vision, machine learning, and signal/image processing meet. The general objective is to provide large-scale, homogeneous information about processes occurring at the surface of the Earth exploiting data collected by airborne and spaceborne sensors. These sensors provide rich information on materials and biophysical surface properties over a large part of the electromagnetic spectrum as well as varying spatial, temporal, and spectral resolutions. Earth Observation thus implies the need for multiple inference tasks, ranging from detection to registration, data mining, multisensor, multiresolution, multitemporal, and multimodality fusion, and regression, to name just a few. It comprises ample applications like location-based services, online

mapping services, large-scale surveillance, 3D urban modelling, navigation systems, natural hazard forecast and response, climate change monitoring, virtual habitat modelling, etc.

With this workshop, we aim at fostering collaboration between the computer vision and Earth Observation communities to, on the one hand, boost automated interpretation of EO data, and, on the other hand, raise awareness inside the vision community for this highly challenging and quickly evolving field of research with a big impact on human society, economy, industry, and the planet.

The event is jointly organized by the Image Analysis and Data Fusion Technical Committee of the IEEE-GRSS and by the ISPRS Commission 3 "Photogrammetric Computer Vision and Image Analysis" and is sponsored by IEEE-GRSS.

Submissions are invited from all areas of computer vision and image analysis relevant for, or applied to, environmental remote sensing.

Topics of interest include, but are not limited to:

- Multisensor fusion
- Superresolution in the spectral and spatial domain
- 3D reconstruction from aerial images
- Feature extraction
- Semantic classification
- Structured prediction
- Multi-scale (multi resolution) processing
- Multitemporal analysis
- Domain adaptation and concept drift
- Multimodal registration
- Image compression
- Scaling algorithms
- Interactive photointerpretation, humans in the loop
- Applications to urban areas, vegetation mapping, oceanography, virtual tourism

Important dates

- Website open: Jan 14, 2015
- Submission site open: Jan 16, 2015
- Full paper submission : March 9, 2015
- Notification of acceptance: April 9, 2015
- Camera-ready paper: April 25, 2015
- Workshop (half day): June 12, 2015

Contact Us

Website: <http://www.grss-ieee.org/earthvision2015>

MultiTemp 2015

Introduction

After 40 years of Earth Observation missions with both passive and active (synthetic aperture radar, lidar, etc.) sensors, remote sensing data offer a unique opportunity to record, to analyze and to predict the evolution of our living planet. In the last decade, a large number of new satellite remote sensing missions have been launched, resulting in dramatic improvement in the image acquisition capabilities. The successful launching of the Sentinel-1 in 2014 and the launching of the coming satellites of the Copernicus program,

with regular acquisition plans and free data access policy, result in new challenge for handling and processing such huge volume of data. This increasing number of Earth Observation systems involves an enhanced possibility to acquire multitemporal images of the Earth surface, with improved temporal and spatial resolution. Such new scenario significantly increases the interest of the time series processing in the remote sensing community. The development of novel data processing techniques to address new important and challenging applications seems promising.

Nonetheless, the properties of the images acquired by the last generation sensors (e.g. very high spatial resolution, long time series, etc.) raise new methodological problems that require the development of new methods for the analysis of multitemporal data. The potential of the technological development is strengthened with the increasing awareness of the importance of monitoring the Earth surface at local, regional and global scale. Assessing, monitoring and predicting the dynamics of natural land covers and of anthropic processes is on the basis of both the understanding of the problems related to climate changes and the definition of politics for sustainable development.

In the context of "Big Data" encountered in the remote sensing community, the objective of MultiTemp 2015 provides a scientific forum of discussions for methodology and application issues related to multitemporal data analysis. The workshop aims to propose novel solutions for technical problems related to the analysis of multitemporal data, to promote the use of the multitemporal images in an ever increasing number of strategic and challenging applications and to strengthen the connections between the scientists and the end-users. In this perspective, contributions are welcome from the methodological community dealing with novel technologies and methods for data analysis, as well as from the application sectors focusing on the use of multitemporal data in practical settings.

Workshop Topics

Contributions to all the issues related to multitemporal data processing, to the analysis of time series acquired by passive and active sensors and to the related applications are welcome, including:

- Multitemporal image analysis techniques
- Image registration, calibration and correction techniques
- Classification of multitemporal data
- Fusion and assimilation of multitemporal data
- Data mining and analysis of remote sensing time series
- Change detection methods
- Change detection accuracy assessment
- Multitemporal SAR and InSAR data analysis
- Multitemporal LiDAR data analysis
- Timelaps and multitemporal photogrammetric data analysis
- Land-cover and land-use dynamics
- Phenology product development and monitoring applications
- Applications of multitemporal data and time series
- Sea-ice dynamics and cryospheric monitoring and modeling
- Ocean dynamics, modelling and prediction
- Water and ecosystem resources monitoring and modeling
- Environmental reclamation monitoring and modeling
- Drought monitoring and predictive modeling
- Vegetation dynamics and productivity

- Forestry and agriculture monitoring
- Stress and damage assessment
- New satellite missions for high temporal resolution time series
- New satellite missions for very high spatial resolution time series

Important Dates

- January 16: Opening of extended abstract (4 pages) submission on EasyChair
- February 27: Deadline of extended abstract
- April 13: Notification of acceptance
- April 24: Opening of camera ready paper (4 pages) upload on EasyChair
- May 31: Early registration deadline
- June 14: Deadline of camera ready paper upload
- July 22-24: Conference in Annecy
- September 30: Submission deadline of IEEE-JSTAR special issue "Analysis of multitemporal data and applications" to appear in May 2016

Contact us

General information: contact@multitemp2015.org

Questions on abstract submission and camera-ready paper: submission@multitemp2015.org

Website: <http://www.multitemp2015.org/>

《遥感快讯》征稿启事

《遥感快讯》是由中国地理学会环境遥感分会联合中国遥感委员会编辑的遥感信息资料。

快讯旨在介绍国内外遥感科技动态、研究成果、学术活动以及其他最新科技信息。

快讯栏目有：业内新闻、成果与推广、技术与应用、科技进展、学术活动、专家论坛、学科前沿、市场信息、国际动态、简讯、书讯等。为进一步提升文章质量，丰富栏目内容，为会员搭建信息沟通和交流的平台，现面向学会各理事、会员及成员单位诚征稿件。

来稿要求和注意事项：

一、稿件文字要求简练，每篇文章字数一般不超过 700 字为宜，消息报道性文章以 500 字为宜，专家论坛、学科前沿方面的文章字数可在 2000 字左右。较重要的信息，应注明其来源出处。本刊对采用的稿件一般都要进行编辑加工，如不同意删改，请在来稿上注明。

二、稿件文责自负，请自留底稿，不予退稿。来稿请写明作者真实姓名、工作单位、E-mail 地址、联系电话、详细通讯地址及邮政编码。

三、来稿一经采用，作者今后将收到每期《遥感快讯》电子版作为资料。

望广大遥感科技工作者大力支持，踊跃投稿。来稿请寄：

《遥感快讯》编辑部

地址：北京市朝阳区大屯路甲 20 号北奥运科技园区 中科院遥感与数字地球研究所学会办公室

邮编：100101 联系电话：86-10-64806542, 64807989 传真：86-10-64806569

联系人：吴洁 于璐 电子信箱：aers@radi.ac.cn

中国地理学会环境遥感分会会员招募

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- 1、有选举权、被选举权和表决权；
- 2、对本分会工作有批评建议权和监督权；
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- 4、积极参加本学会的有关活动；
- 5、会员入会自愿、退会自由。

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- 1、积极参加学会组织的各项活动；
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- 1、请填写《入会申请表》；
- 2、交纳一寸照片两张，黑白、彩色均可。

请将上述资料邮件、传真或邮寄到我学会。我会接到上述材料后，随时将会员情况存入数据库。

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联系人：吴洁 于璐

地址：100101，北京 9718 信箱 学会办公室

传真：86-10-64807989

联系电话：86-10-64806542，64806569

电子信箱：aers@radi.ac.cn

网址：www.aersc.cn www.aersc.org

中国地理学会环境遥感分会会员入会申请表

编 号		日 期	
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通 讯 地 址	邮 编	电 话 及 传 真
①单位		
②住址		
目前邮件寄到：①（ ）②（ ）	E-mail	

最后学历及主要工作经历：

国内外最 后学历	院 校 名 称		科 系	起 止 年 月	毕 业 或 肄 业
		国内			
	国外				
主要工作 经历					
主要科学技术成果及著作（发表年月及刊名、出版的年月及出版社名）：					

姓名：..... 性别：..... 出生年月：..... 籍贯：..... 民族：..... 党派：..... 文化程度：..... 会何种外语及熟练程度：..... 从事专业：..... 技术职称：..... 获得时间：..... 工作单位：..... 部门：..... 职务：..... 兼职单位：..... 部门：..... 职务：.....

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曾参加并希望今后参加本学会哪方面专业的活动：

介绍人：	（签名盖章）	（签名盖章）
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意 见	单位盖章： <div style="text-align: right;">年 月 日</div>	理事会审查意见： <div style="text-align: right;">年 月 日</div>
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