GeoITT Center, Deqing iSpatial Co., Ltd

December 2020

International Geospatial Information Technologies Training Program（GeoITT）

1. Training objectives

Geospatial information has become one of the most important information resources and entrance in this era. It is also fundamental in government decision-making, industry application and people's life, as well as an important basis for international cooperation.

In order to further popularize the knowledge of geospatial information to the international community, share the cutting-edge geospatial information technologies and applications, improve the professional English level and internationalization degree of Chinese higher education for geospatial information, promote cooperation between China and the international community in the field of geospatial information, and support the United Nations 2030 Agenda for sustainable development. Deqing iSpatial Co., Ltd will carry out a series of international training from January 2021 with support of relevant organizations.

Please pay attention and welcome to cooperate!

2. Training content

The training content mainly includes basic knowledge of geospatial information, satellite remote sensing, UAV technologies, GNSS, GIS, BIM, international geospatial information professional ethics and standards, etc. In addition to the basics and fundamentals of geospatial information technologies, training will be conducted on cutting-edge technologies and products as well as related knowledge.

We would appreciate your participation in a short survey (3-5 minutes of your time). Please scan the QR code to access the questionnaire or click the link below.

https://kwiksurveys.com/s/FdodHQpb

3. Training language

In English

4. Training modes

Combination of online and onsite.

In order to facilitate understanding and absorption, each course will be divided into several topics, each topic for 45 minutes.

5. Target trainees

The training will be aimed at those interested in using geospatial information technologies to promote social and economic development and international cooperation, mainly including management of relevant departments in the field of geospatial information, market and technical personnel of enterprises, teachers and students of colleges and universities.

6. Trainers

International professionals and professors working in geospatial information related universities and enterprises.

7. Training organization

1) Hosted by Deqing iSpatial Co., Ltd

2) Supported by

International Federation of Surveyors (FIG)

The International Academy of Geospatial Information Science, Wuhan University (IAG-WHU)

Europe-China Sensible City Creative Lab, Deqing Geospatial Information Town

Association of Science & Technology Professionals, Deqing Geospatial Information Town

……*welcome to join us!*

8. Contacts

1) **Prosper Washaya**

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2) **Hans Ni**

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Please scan the wechat QR code of Mr. Prosper Washaya and/or Mr. Hans Ni, they will add your wechat and invite you to join a dedicated GeoITT wechat group. Afterwards you will receive detail information in due course. Thank you.

Appendix: Forthcoming courses

Courses 1: Remote Sensing for Everyone

Topic	Trainer
Introduction to Important Remote Sensing Terminology	Prosper Washaya
A Brief Introduction to Remote Sensing	Prosper Washaya
EM energy in Remote Sensing	Prosper Washaya
Platforms and Sensors	Prosper Washaya
Biography of the trainer	

	Mr. Prosper Washaya, Zimbabwe Prosper Washaya is Remote Sensing Analyst of Deqing iSpatial Co., Ltd, Deqing Huzhou, Zhejiang, China. His research interests are SAR, InSAR, Disaster Monitoring and Prevention, Geospatial Technology Education and Training. He got Masters in Engineering degree in Geoinformation Technology, majoring in Photogrammetry and Remote Sensing, Wuhan University.

Course 2: Developing and publishing innovative research ideas

Topic	Trainer
Getting published and getting noticed	Timo Balz
Developing innovative research ideas (inductive, deductive, and abductive	Steve McClure

thinking)	
Finding the gaps: writing down to write up (literature reviews)	Steve McClure
Brainstorming, mind-mapping and putting it all together (thinking visually and outlining)	Steve McClure

Biography of the trainer

Prof. Dr.-Ing. Timo Balz, Germany

Prof. Balz received a Diploma degree (Dipl.-Geogr.) in geography and a Doctoral degree (Dr.-Ing.) in aerospace engineering and geodesy from the Universitaet Stuttgart, Stuttgart, in 2001 and 2007, respectively. From fall 2001 to the end of 2007, he was a Research Assistant with the Institute for Photogrammetry, Universitaet Stuttgart. Between 2004 and 2005, he was a Visiting Scholar with Wuhan University, Wuhan, China. From 2008-2010, he was a Postdoctoral Research Fellow with the State Key Laboratory of Information Engineering in Surveying, Mapping and Remote Sensing (LIESMARS), Wuhan University. From 2010-2015 he was Associate Professor for Radar Remote Sensing with LIESMARS. Since 2015 he is Full Professor with LIESMARS.

He serves as Associate Editor for Remote Sensing and the Journal of Geodesy. He is member of the editorial board of Geo-Spatial Information Science and helped in GSIS being established as SCI journal in 2020. Since 2016 he is Chair of the ISPRS Commission I Working Group on SAR and Microwave Sensing. He has authored and co-authored about 150 scientific articles in journals, books, and conference proceedings.

Mr. Stephen. C. McClure, the United States

Stephen C. McClure is a research associate at LIESMARS, the State Key Laboratory for surveying, mapping, remote sensing, and software engineering at Wuhan University, China. He helps authors prepare papers for submission

to SCI journals and teaches a course in scientific writing and methods. His research interests include GSci, cartography, place making, and the right to the city. His collaborative action research projects incorporate qualitative methods, spatial analysis and cartographic techniques. Stephen's background is in human geography, sociology, and art and design.

Course 3: Introduction to Synthetic Aperture Radar (SAR)

Topic	Trainer
Basics of Synthetic Aperture Radar (SAR)	Hashir Tanveer
Introduction to SAR processing and data analysis	Hashir Tanveer

Biography of the trainer	
	Mr. Hashir Tanveer, Pakistan Hashir Tanveer is Ph.D. researcher at State Key Laboratory of Information Engineering in Surveying, Mapping and Remote Sensing (LIESMARS), Wuhan University. His research interests are SAR, Image Processing, Satellite Traffic Monitoring, Remote Sensing, Spatial Analysis.

Course 4: Space Geodesy

Topic	Trainer
Global Navigation Satellite Systems (GNSS)	Andres Calabia
Applied Geodesy: Time, gravity, and reference systems	Andres Calabia

Biography of the trainer	
	Dr. Andres Calabia, Spain Andres Calabia is a recognized academic and accomplished professional skilled in topics of space geodesy, navigation, and remote sensing, and with a broad range of analytic techniques, including data analysis and algorithm development. Dr. Calabia is currently based in Nanjing working for Nanjing

University of Information Science and Technology, China, as an associate professor. His research interests focus on upper atmosphere environments and coupling between Earth and space weather, the repercussions of these environments on satellites, and the utilization of geodetic techniques to interpret the planetary variability, and to test, validate, and develop geophysical models. In his early career, he has worked as a Geomatics Engineer in Spain and the UK. Then, he completed his Ph.D. at Shanghai Astronomical Observatory, Chinese Academy of Sciences, China, and a postdoctoral position at the University of Colorado Boulder, USA. He has an h-index of 7, and above 100 citations.