

ISPRS Awards 2022

During the XXIV ISPRS Congress recently held in Nice, the society presented a number of prestigious awards to its most deserving members. Some of these awards had already been announced in early 2020, and some awardees had received a recognition during the 2021 virtual edition of the Congress, but it was only during the in-person meeting this June that most recipients could be honoured appropriately. Sadly, our friends from China, as well as some other individuals, could not travel to Nice this summer and will receive the awards in person at the next possible occasion.

As generally acknowledged, the Brock Gold Medal and the Honorary Membership are the most important awards offered by ISPRS. They were presented in the opening session on June 6. The other awardees were recognized either in the plenary sessions, the gala dinner, the closing ceremony or at other occasions such as the special session of the Best Young Authors on Tuesday, June 7.

In the following, the awardees of the XXIV Congress are introduced. A more detailed description, incl. the list of best reviewers per commission, can be found in the 2022 Awards Booklet, see www.isprs.org/society/awards.aspx. This web site also contains background information on the ISPRS awards.

ISPRS Honorary Membership for Chen Jun



Chen Jun had first contacts with ISPRS as early as 1982, when he participated in the Technical Commission VII Symposium in Toulouse, France, where he spent time as a young scientist with IGN and CNES. Later, Chen Jun was elected president of Technical Commission II, entitled “Systems for Data Processing, Analysis and Representation” at the time, and was responsible for the Symposium in Xian, in 2002.

During the 2004 Congress in Istanbul, China was elected to host the XXI Congress, and Chen Jun became Congress Director, organising a very successful ISPRS Congress in Beijing in 2008. He has since served on ISPRS Council as Secretary General from 2008 - 2012, leading the society as President from 2012 - 2016, a period which included the reorganization of the ISPRS Technical Commissions, in which he had a major share; and as Past President since 2016. Chen Jun initiated the ISPRS research agenda which was published in the ISPRS Journal of Photogrammetry and Remote Sensing in 2016; initiated financial support for authors of open access papers who cannot afford the related Author Processing Charges; has represented ISPRS at the level of international geospatial societies such as those grouped in the Joint Board of Geospatial Societies (JBGIS) - now renamed to UN GGIM Geospatial Societies; has represented ISPRS at numerous UN and GEO meetings, e.g. the yearly UN GGIM meetings in New York and the various GEO plenaries around the world; has represented ISPRS in the International Science Council (ISC) and has made sure ISPRS keeps its reputation as a respectable scientific society.

With his charming and diplomatic personality and his dedication to the aims and the activities of the society, Chen Jun truly deserves to be elected an ISPRS Honorary Member.

Brock Gold Medal for Li Deren



The Brock Gold Medal awardee is Li Deren, for his outstanding scientific achievements in the photogrammetry, remote sensing and geospatial information sciences. Li Deren is a professor at the Laboratory of Information Engineering in Surveying, Mapping and Remote Sensing (LIESMARS) and the Director of the Collaborative Innovation Center of Geospatial Technology, both at Wuhan University of China. He enjoys dual membership of both, the Chinese Academy of Sciences and the Chinese Academy of Engineering. In 1985, he received his doctoral degree from the University of Stuttgart, Germany.

Li Deren is a renowned pioneer and leader of civilian space mapping in China. Starting around 2005, he proposed to the central government to establish a high-resolution satellite Earth observation system. As a result of his visionary and strategic suggestion, a dozen high resolution Chinese satellites are now in operation, fulfilling the routine national needs in social and economic developments. Today, about 80 % of satellite images in China's market are collected by these satellites.

Li Deren was also among the key individuals who proposed and designed the technical specifications of this along-track civilian stereo mapping satellite series ZY-3. Since its first successful deployment in 2012, he led his team to design and develop the ground receiving and processing systems to automatically produce standard topographic products, including digital elevation models and orthophotos based on the specification of the 1:50,000 topographic map. This was achieved for the first time in China's history of civilian mapping; the nationwide mapping revision cycle has been reduced from approximately 5 years to 5 months, empowering the country to be able to map about 30 million square kilometres per year at the scale of 1:50,000. More recently, Dr. Li re-focused on the development and utilization of small- and nano-mapping satellites. He led the design of three unique, non-traditional mapping satellites, LuoJia-1, 2 and 3. Being the first in China, and launched in 2018, LuoJia-1 is a nightlight remote sensing satellite with 130 m resolution which pioneers the utilization of high-resolution nightlight imagery for population distribution, urban sprawl, and regional studies. As a free and open data source, more than 26,000 LuoJia-1 scenes were downloaded by over 3,000 international users.

Li Deren is also recognized as the key designer of the very first mobile mapping system in China. Today, enhanced with home-made sophisticated algorithms, such mobile systems can ensure a fast acquisition of street-view geospatial data at an accuracy of a few centimetres. More than 300 sets of such systems were sold to various government agencies, research institutes, higher education colleges, and private companies in China; the system has been used to create 3D street views and models for over 600 cities and towns in the country.

Li Deren has served as the President of ISPRS Technical Commission III (Photogrammetry) and VI (Education). He received an Honorary Doctorate from ETH Zürich, Switzerland in 2008 and was awarded Honorary Member by ISPRS in 2012.

Further ISPRS Awardees

The further awardees of the XXIV Congress are listed in tabular form. Again, more information can be found in the awards booklet, see www.isprs.org/society/awards.aspx.

Award	Name
ISPRS Fellowship	Kohei Cho (JP) Songnian Li (CA) Marguerite Madden (USA) Charles K. Toth (USA) George Vosselman (NL) Jon Mills (UK) Sisi Zlatanova (AUS)
U.V. Helava Award 2016-2019	Davide Antonio Cucci, Martin Rehak, Jan Skaloud (CH)
U.V. Helava Award 2020-21	Andrea Meraner, Patrick Ebel, Xiao Xiang Zhu, Michael Schmitt (GER)
Jack Dangermond Award 2017-19	Florent Poux, Roland Billen (BEL)
Jack Dangermond Award 2020-2021	Godwin Yeboah (UK) et al.
Otto von Gruber Award	Chenglu Wen (CN)
Frederick J. Doyle Award	Konrad Schindler (CH)
Wang Zhizhuo Award	Wolfgang Kainz (AU)
Karl Kraus Medal	Wolfgang Förstner, Bernhard P. Wrobel (GER)
Schwedefsky Medal	Derek Lichti (CA)
Giuseppe Inghilleri Award	Marc Pierrot Deseilligny (FR) Cheng Wang (CN)
Willem Schermerhorn Award	Michael Ying Yang (NL)
Samuel Gamble Award	Jonathan Li (CAN) Jan Skaloud (CH) Ruisheng Wang (CAN)
Eduard Doležal Award	Damdinsuren Amarsaikhan (MON)
ISPRS Student Consortium Service Award	Sheryl Rose Reyes (PH)
The ISPRS CATCON Award	Gold: Maria Chizhova (GER) Silver: Rongjun Qin (USA) Bronze: Jakub Dvorak, Marketa Potuckova (CZ)
President's Honorary Citation	Francesco Nex (NL), TC I, 2020 Rupert Müller (GER), TC I, 2022 Diego Gonzales-Aguilera (ES), TC II, 2020 Devis Tuia (CH), TC II, 2022 Eija Honkavaara (FI), TC III, 2020 Mitsunori Yoshimura (JP), TC III, 2022 Maria Brovelli (IT), TC IV, 2020 Zhizhong Kang (CN), Kourosh Khoshelham (AU), Lucía Díaz Vilariño (ES), TC IV, 2022

	Vladimir Seredovic (RU), TC V, 2020 Sultan Kocaman (TR), TC V, 2022
Best Young Author Award	Emmanuel Cledat (CH), TC I, 2020 Stephan Blaser (CH), TC I, 2020 Jiayuan Li (CN), TC I, 2021 Kyriaki Mouzakidou (CH), TC I, 2022
	Denis Wittich (GER), TC II, 2020 Eleonora Maset (IT), TC II, 2020 Rahima Djahel (FR), TC II, 2021 Corinne Stucker (CH), TC II, 2022
	Rory Clifford Pittman (CAN), TVC III, 2020 Jiangyuan Zeng (CN), TC III, 2020 Milad Niroumand-Jadidi (CH), TC III, 2021 Mirjana Voelsen (GER), TC III, 2022
	Xiaoli Li (CN), TC IV, 2020 Patrick Hübner (GER), TC IV, 2020 Oskar Wage (GER), TC IV, 2021 Xiaodan Shi (JP), TC IV, 2022
	Priyanka Singh (IN), TC V, 2020 Recep Can (TR), TC V, 2020 Clémence Dubois (GER), TC V, 2021 Juan Fernando Toro (IT), TC V, 2022
Best Poster Award	Rahima Djahel, Pascal Monasse, Bruno Vallet (FR), TC I Federica Marotta, Luca Perfetti, Francesco Fassi, Cristiana Achille and Giorgio Vassena (IT), TC I
	Fabio Remondino, Luca Morelli, Elisavet Konstantina Stathopoulou, Mostafa Elhashash, Rongjun Qin (IT), TC II Hristina Hristova, Meinrad Abegg, Christoph Fischer, and Nataliia Rehus (CH), TC II
	Noorlaila Hayati, Noorkomala Sari, Rahmat Arief, Maulida Annisa Uzzulfa (INDO), TC III Paraskevi Mikeli, Katerina Kikaki, Ioannis Kakogeorgiou and Konstantinos Karantzalos (GR), TC III
	Oskar Wage, Lasse Bienzeisler, Monika Sester (GER), TC IV Hao Li Alexander Zipf (GER), TC IV
	Maria Grazia D'Urso, Samuela Rasera (IT), TC V