

## How space technology applications contributed to combatting COVID-19 pandemic

Virtual meeting on MS Teams, 30 June 2020, 10:30 - 12:00 hrs. (UTC+7, Bangkok time)

---

### List of Participants

#### Moderator

Mr. Sanath Panawennage  
Co-Chair of ICC-23 on RESAP  
Chief Executive Officer  
Arthur C. Clarke Institute for Modern Technologies (ACCIMT), Sri Lanka  
Email: [sanathpanawennage@gmail.com](mailto:sanathpanawennage@gmail.com)

#### Opening remark

Ms. Tiziana Bonapace  
Director, ICT and Disaster Risk Reduction Division  
United Nations Economic and Social Commission for Asia and the Pacific (ESCAP)  
Email: [bonapace.unescap@un.org](mailto:bonapace.unescap@un.org)

#### Panelists

1. Thailand: Mr. Pakorn Apaphant  
Executive Director  
Geo-Informatics and Space Technology Development Agency (GISTDA), Thailand  
Email: [ceo@gistda.or.th](mailto:ceo@gistda.or.th)
2. Indonesia: Ms. Orbita Roswintiarti  
Co-Chair of ICC-23 on RESAP  
Deputy Chairman for Remote Sensing Affairs, National Institute of Aeronautics and Space (LAPAN), Indonesia  
Email: [orbita@lapan.go.id](mailto:orbita@lapan.go.id)
3. Korea: Mr. In Hyun KIM  
Chief Executive Officer  
Korea Spatial Information & Community (KSIC), Republic of Korea  
Email: [ihkim@ksic.net](mailto:ihkim@ksic.net)

## **AUSTRALIA**

Mr. Chris Body, Consultant, Geospatial Standards, Australia, Email: [chris.body@iinet.net.au](mailto:chris.body@iinet.net.au)

Mr. Graeme Kernich, Chief Executive Officer, FrontierSI, Melbourne, Email: [gkernich@frontiersi.com.au](mailto:gkernich@frontiersi.com.au)

## **BANGLADESH**

Mr. Md. Ilias Miah, Chief Executive, Science & Technology, Centre for Environment, Human Rights & Development Forum (CEHRDF), Dhaka, Email: [cehrdf.hq@gmail.com](mailto:cehrdf.hq@gmail.com)

## **BHUTAN**

Mr. Sonam Phuntsho, Chief of ICT Officer, Division of Telecom and Space, Department of IT and Telecom, Ministry of Information and Communications, Ministry of Information and Communications, Thimphu, Email: [sphuntsho@dit.gov.bt](mailto:sphuntsho@dit.gov.bt)

## **CAMBODIA**

H.E. Mr. KU Bunnavuth, Deputy Secretary-General of the National Committee for ESCAP and Deputy Director of Cooperation and ASEAN Department, National Committee for Disaster Management, Phnom Penh, Email: [bunnavuthku@gmail.com](mailto:bunnavuthku@gmail.com)

## **CHINA**

Ms. Yiliang Liu, Researcher, China GEO Secretariat, The National Remote Sensing Center of China (NRSCC), Beijing, Email: [liuyiliang@nrsc.gov.cn](mailto:liuyiliang@nrsc.gov.cn)

Ms. Jing Zhang, Researcher, China GEO Secretariat, The National Remote Sensing Center of China (NRSCC), Beijing, Email: [zhangjing@nrsc.gov.cn](mailto:zhangjing@nrsc.gov.cn)

Prof. Jing Li, Professor, Faculty of Geographical Science, Beijing Normal University, Beijing, Email: [lijing@bnu.edu.cn](mailto:lijing@bnu.edu.cn)

Mr. Adu Gong, Associate Professor, Faculty of Geographical Science, Beijing Normal University, Beijing, Email: [gad@bnu.edu.cn](mailto:gad@bnu.edu.cn)

Ms. Sijia Wang, Doctoral Student, Faculty of Geographical Science, Beijing Normal University, Beijing Email: [wsj4799@163.com](mailto:wsj4799@163.com) , [sijia.wang@mail.bnu.edu.cn](mailto:sijia.wang@mail.bnu.edu.cn)

Ms. Yanling Chen, Doctoral Student, Faculty of Geographical Science, Beijing Normal University, Beijing, Email: [201631480010@mail.bnu.edu.cn](mailto:201631480010@mail.bnu.edu.cn)

Mr. Wenxuan Bao, Graduate Student, Faculty of Geographical Science, Beijing Normal University, Beijing, Email: [269815911@qq.com](mailto:269815911@qq.com)

## ETHIOPIA

Mr. Dereje Gemechu, System Administrator, Engineering/Software Engineering, Government, Bishoftu, Email: [dergem723@gmail.com](mailto:dergem723@gmail.com)

## FIJI

Mr. Isireli Buwawa, Geospatial Information Coordinator, Geospatial Unit, iTaukei Land Trust Board, Suva, Email: [ibuwawa@tltb.com.fj](mailto:ibuwawa@tltb.com.fj)

## INDIA

Mr. P.G. Diwakar, Director, Indian Space Research Organization (ISRO), Bangaluru, Email: [diwakar@isro.gov.in](mailto:diwakar@isro.gov.in)

Mr. Goru Srinivasa Rao, Associate Director, Earth Observation & Disaster Management (EDPO), Indian Space Research Organization (ISRO), Bangaluru, Email: [gsrao.isro@gmail.com](mailto:gsrao.isro@gmail.com)

Mr. Sunil S. Fatehpur, Government Civil Servant , GIS & RS DTE, Survey of India, Email: [sunilsfatehpur soi@gov.in](mailto:sunilsfatehpur soi@gov.in)

Prof. Virender Kaul, Professor (retd.), Department of Plant Pathology, Punjab Agricultural University, Ludhiana, Email: [kaulvkaulvk@gmail.com](mailto:kaulvkaulvk@gmail.com)

Mr. Ashish Haloi, Assistant Professor, Department of Law, Center for Juridical Studies, Dibrugarh University, Dibrugarh, Email: [ashishhaloi51@gmail.com](mailto:ashishhaloi51@gmail.com)

Mr. Ramnath K.R., Senior Research Fellow, Center for Studies in Society and Development, Central University of Gujarat, Alappuzha, Email: [expressions.cug@gmail.com](mailto:expressions.cug@gmail.com)

## INDONESIA

Ms. Orbita Roswintiarti, Deputy Chairman for Remote Sensing Affairs, Indonesian National Institute of Aeronautics and Space (LAPAN), Jakarta, Email: [orbita@lapan.go.id](mailto:orbita@lapan.go.id)

Mr. Rokhis Khomarudin, Director, Remote Sensing Application Center, LAPAN, Jakarta, Email: [rokhis.khomarudin@lapan.go.id](mailto:rokhis.khomarudin@lapan.go.id)

Mr. Robertus Triharjanto, Director, Center for Aerospace Policy Studies, LAPAN, Jakarta, Email: [rtriharjanto@gmail.com](mailto:rtriharjanto@gmail.com); [robertus.heru@lapan.go.id](mailto:robertus.heru@lapan.go.id)

Mr. Ari Ariandi, Assistant to the Deputy Chairman for Remote Sensing Affairs, , Remote Sensing Technology and Data, Indonesian National Institute of Aeronautics and Space (LAPAN), Jakarta, Email: [ariariandi.lapan@gmail.com](mailto:ariariandi.lapan@gmail.com)

Mr. Leo Rijadi, Policy Analyst, Center for Aeronautics and Space Policy Assessment, LAPAN, Jakarta, Email: [leorijadi@lapan.go.id](mailto:leorijadi@lapan.go.id)

Mr. Muchamad Muchlis, Policy Analyst, Remote Sensing Technology and Data, LAPAN, Jakarta, Email: [muchlis@lapan.go.id](mailto:muchlis@lapan.go.id)

Mr. Adhimantara Nugraha, Policy Analyst, International Cooperation, LAPAN, Jakarta, Email: [adhimantara@lapan.go.id](mailto:adhimantara@lapan.go.id)

Ms. Nur Almatin, Cooperation Analyst, International Cooperation Subdivision, LAPAN, Jakarta, Email: [nur.almatin@lapan.go.id](mailto:nur.almatin@lapan.go.id)

Mr. Aditya Bayu Erwindu, Technical Analyst, Satellite Technology Center, LAPAN, Bogor, Email: [aditya.bayu.e@gmail.com](mailto:aditya.bayu.e@gmail.com)

Mr. Muhammad Priyatna, Researcher, Remote Sensing Application Center, LAPAN, Jakarta, Email: [mpriyatna@lapan.go.id](mailto:mpriyatna@lapan.go.id)

Mr. Danang Surya Candra, Researcher, Technology and Data Center, LAPAN, Jakarta, Email: [danang.surya@lapan.go.id](mailto:danang.surya@lapan.go.id)

Mr. Fajar Yulianto, Researcher, Remote Sensing Application Centre, LAPAN, Jakarta, Email: [fajar.lapan.rs@gmail.com](mailto:fajar.lapan.rs@gmail.com) , [fajar.yulianto@lapan.go.id](mailto:fajar.yulianto@lapan.go.id)

Mr. Dede Dirgahayu, Researcher, Remote Sensing Application Center, LAPAN, Jakarta, Email: [dededirgahayu8@gmail.com](mailto:dededirgahayu8@gmail.com)

Ms. Yunita Permatasari, Researcher, Center of Aerospace Policy Studies, LAPAN, Jakarta, Email: [yunita.permatasari@lapan.go.id](mailto:yunita.permatasari@lapan.go.id)

Ms. Astri Rafikasari, Researcher, Center for Aerospace Policy Studies, LAPAN, Jakarta, Email: [astrijigannas@gmail.com](mailto:astrijigannas@gmail.com)

Mr. Udhi C Nugroho, Researcher, Remote Sensing Applications Center, LAPAN, Jakarta, Email: [udhi.catur@lapan.go.id](mailto:udhi.catur@lapan.go.id)

Mr. Muhammad Sulaiman Nur Ubay, Researcher, Remote Sensing, LAPAN, West Java, Email: [sulaiman.itb@gmail.com](mailto:sulaiman.itb@gmail.com)

Mr. Muhammad Priyatna, Researcher, Remote Sensing Application Center, LAPAN, LAPAN, Jakarta, Email: [mpriyatna@lapan.go.id](mailto:mpriyatna@lapan.go.id)

Ms. Rise Hapshary Surayuda, Engineer, Satellite Technology Center, LAPAN, Bogor, Email: [rh.surayuda@live.com](mailto:rh.surayuda@live.com)

Mr. Ayom Widipaminto, Engineer, Remote Sensing Technology and Data Center, LAPAN, Jakarta, Email: [ayom.widipaminto@lapan.go.id](mailto:ayom.widipaminto@lapan.go.id)

Ms. Khairunnisa Khairunnisa, Researcher, Satellite Technology Center, LAPAN, Bogor, Email: [kirun.khairunnisa@gmail.com](mailto:kirun.khairunnisa@gmail.com)

Mrs. Adelia Revani Sastaviyana, Engineer, Satellite Technology Center, LAPAN, Bogor, Email: [adelia.revani@gmail.com](mailto:adelia.revani@gmail.com)

Mr. Silvan Anggia Bayu, Engineer, Remote Sensing Application Center, LAPAN, Jakarta, Email: [silvan.anggia@lapan.go.id](mailto:silvan.anggia@lapan.go.id)

Mr. Noer Abdillah, Science Developer, Sains Atmosfer, LAPAN, Pasuruan, Email: [noer.abdillah@lapan.go.id](mailto:noer.abdillah@lapan.go.id)

Ms. Happy Rumiris Simanungkalit, Subcoordinator of International Cooperation, Cooperation, Public Relation and GA Bureau, LAPAN, Jakarta, Email: [hrumiris@lapan.go.id](mailto:hrumiris@lapan.go.id)

Ms. Laily Fajarwati, Pengawas Antariksa, Balai Pengamatan Antariksa dan Atmosfer (BPAA), LAPAN, Pasuruan, Email: [lailyfajarwati04@gmail.com](mailto:lailyfajarwati04@gmail.com)

Mr. Steward Augusto, Engineer, Programme and Facilities Division, Remote Sensing Technology and Data Center, LAPAN, Jakarta, Email: [stu@dr.com](mailto:stu@dr.com)

Mr. Syarif Budhiman, Programme Coordinator, Programme and Facilities Division, Remote Sensing Applications Center, LAPAN, Jakarta, Email: [syarif.budhiman@lapan.go.id](mailto:syarif.budhiman@lapan.go.id)

Ms. Dwinanda Puspitasari Harahap, Aerospace Monitor, Pasuruan Space and Atmospheric Observatory, Search Results Web results, LAPAN, East Java, Email: [dwinanda.puspitasari@lapan.go.id](mailto:dwinanda.puspitasari@lapan.go.id)

Mr. Ilham Alimuddin, Lecturer, Geological Engineering, Universitas Hasanuddin, Makassar, Email: [ialimuddin@hotmail.com](mailto:ialimuddin@hotmail.com)

## **JAPAN**

Ms. Yoko Kadoya, Advisor, National Space Policy Secretariat, Cabinet of Japan, Tokyo, Email: [yoko.kadoya@gmail.com](mailto:yoko.kadoya@gmail.com)

Mr. Hidenori Fujimura, Executive Officer for Geospatial Information Policy, Planning Department, Geospatial Information Authority of Japan, Tsukuba, Email: [fujimura.hidenori@gmail.com](mailto:fujimura.hidenori@gmail.com)

Mr. Takehiro Nakamura, Deputy Director, Japan Aerospace Exploration Agency (JAXA), Bangkok, Email: [nakamura.takehiro@jaxa.jp](mailto:nakamura.takehiro@jaxa.jp)

Ms. Kumiko Tanabe, Associate Senior Administrator, International Relations and Research Department, JAXA, Tokyo, Email: [tanabe.kumiko@jaxa.jp](mailto:tanabe.kumiko@jaxa.jp)

Ms. Yoko Kagiwada, Associate Administrator, International Relations Department, JAXA, Tokyo, Email: [kagiwada.yoko@jaxa.jp](mailto:kagiwada.yoko@jaxa.jp)

## **KAZAKHSTAN**

Mr. Aidar Kuatbayev, Director of the Earth Remote, Sensing Space System Center, JSC "NC "Kazakhstan Gharysh Sapary", Almaty, Email: [a.kuatbaev@gharysh.kz](mailto:a.kuatbaev@gharysh.kz)

## **KIRIBATI**

Mr. Teanibuaka Tabunga, Deputy Director Public Health, Public Health Department, Ministry of Health and Medical Services, Bairiki, Email: [teanibuakatabunga@gmail.com](mailto:teanibuakatabunga@gmail.com)

## **MALAYSIA**

Mr. Haji Azlikamil Napiah, Director General, Malaysian Space Agency (MYSA), Ministry of Energy, Science, Technology, Environment and Climate Change (MESTECC), Kuala Lumpur, Email: [azli@remotesensing.gov.my](mailto:azli@remotesensing.gov.my); [azli@mysa.gov.my](mailto:azli@mysa.gov.my)

## **MONGOLIA**

Mr. Odbayar Mishigdorj, Head of Remote Sensing Division, Information and Research Institute of Meteorology, Hydrology, Environment of National Agency for Meteorology and Environment Monitoring, Ulaannbaatar, Email: [m.odbayar@gmail.com](mailto:m.odbayar@gmail.com)

## **MYANMAR**

Mr. Kyaw Moe Oo, Director General, Department of Meteorology and Hydrology, Ministry of Transport and Communications, Nay Pyi Taw, Email: [kyawmoeoo39@gmail.com](mailto:kyawmoeoo39@gmail.com)

Mr. Kyaw Kyaw Lin, Deputy Director, Hydrology Division, Department of Meteorology and Hydrology, Nay Pyi Taw, Email: [kyawkyawlin.dmh@gmail.com](mailto:kyawkyawlin.dmh@gmail.com)

## **NEW ZEALAND**

Mr. Karl Majorhazi, Senior Analyst, Geospatial, Stats NZ, Wellington, Email: [karl.majorhazi@stats.govt.nz](mailto:karl.majorhazi@stats.govt.nz)

## **PHILIPPINES**

Ms. Meraida Reyes, Senior Science Research Specialist, Emerging Technology Development Division (ETDD), Department of Science and Technology, Philippine Council for Industry, Energy and Emerging Technology Research and Development (DOST-PCIEERD), Taguig City, Email: [mdreyes@pcieerd.dost.gov.ph](mailto:mdreyes@pcieerd.dost.gov.ph)

Ms. Ariane Jaraplasan, Science Research Specialist II, Emerging Technology Development Division (ETDD), DOST-PCIEERD, Taguig City, Email: [ariane.jaraplasan@pcieerd.dost.gov.ph](mailto:ariane.jaraplasan@pcieerd.dost.gov.ph)

Ms. Clarinda Reyes, Supervising Science Research Specialist, Emerging Technology Development Division, DOST-PCIEERD, Taguig City, Email: [cgreyes@pcieerd.dost.gov.ph](mailto:cgreyes@pcieerd.dost.gov.ph)

Mr. Roven Tumaneng, Science Research Specialist II, Emerging Technology Development Division, DOST-PCIEERD, Taguig City, Email: [roven.tumaneng@pcieerd.dost.gov.ph](mailto:roven.tumaneng@pcieerd.dost.gov.ph)

Mr. Alvin Retamar, Chief of Science Research Specialist, Solutions and Services Engineering Division (SSED), Department of Science and Technology, Advanced Science and Technology Institute (DOST-ASTI), Quezon City, Email: [ning@asti.dost.gov.ph](mailto:ning@asti.dost.gov.ph)

Mr. Julius Judan, Science Research Specialist I, Solutions and Services Engineering Division (SSED), DOST-ASTI, Quezon City, Email: [julius.judan@asti.dost.gov.ph](mailto:julius.judan@asti.dost.gov.ph)

Ms. Mary Ann Magsumbol, Cartographer III, Photogrammetry Division, Mapping and Geodesy Branch, National Mapping and Resource Information Authority (NAMRIA), Taguig City, Email: [maryann\\_magsumbol@yahoo.com](mailto:maryann_magsumbol@yahoo.com)

Ms. Meliza Audia Fiesta, Hydrographer, BRP Hydrographer Presbitero, Randolfs Vicente (SSD), NAMRIA, Taguig City, Email: [melizaaudia.fiesta.af@gmail.com](mailto:melizaaudia.fiesta.af@gmail.com)

Ms. Lolita Panaga, Engineer, Image Section, Photogrammetry Division, Mapping and Geodesy Branch, NAMRIA, Taguig City, Email: [lgpanaga@namria.gov.ph](mailto:lgpanaga@namria.gov.ph)

Mrs. Maricel De Luna, Engineer III, Enhancement and Modelling Section, Photogrammetry Division, Mapping and Geodesy Branch, NAMRIA, Taguig City, Email: [mpdeluna@namria.gov.ph](mailto:mpdeluna@namria.gov.ph)

Mr. Leo Grafil, Engineer IV, Mapping and Geodesy Division, NAMRIA, Taguig City, Email: [lgrafil@namria.gov.ph](mailto:lgrafil@namria.gov.ph)

Mr. Brian Dela Cruz, Engineer V, Cartography Division, Mapping and Geodesy Branch, NAMRIA, Taguig City, Email: [badelacruz@namria.gov.ph](mailto:badelacruz@namria.gov.ph)

Mr. Kristoffer Zapanta, Hydrographic Surveyor, Hydrography Branch, BRP H PALMA (Survey Vessel), NAMRIA, Taguig City, Email: [kristian05301986@yahoo.com](mailto:kristian05301986@yahoo.com)

Mr. Roger De Luna, Engineer, DLMS, Photogrammetry, Mapping and Geodesy Branch, NAMRIA, Taguig City, Email: [rgdeluna@namria.com.ph](mailto:rgdeluna@namria.com.ph)

Mr. Joselito Reasol, Information Technology Officer III, Geospatial Database Management Division, Geospatial Information System Management Branch (GDMD)/GISMB, NAMRIA, Taguig City, Email: [jtreasol@namria.gov.ph](mailto:jtreasol@namria.gov.ph)

Ms. Liezel Bastez, Hydrographic Surveyor, Survey Support Division, NAMRIA, Taguig City, Email: [bastezliezel@gmail.com](mailto:bastezliezel@gmail.com)

Mr. Joel Marciano, Professor, Electrical and Electronics Engineering (EEE) Institute, University of the Philippines, Quezon City, Email: [joel.marciano@eee.upd.edu.ph](mailto:joel.marciano@eee.upd.edu.ph)

Ms. Gay Perez, Associate Professor, Institute of Environmental Science and Meteorology, University of the Philippines Diliman, Quezon City, Email: [gpperez1@up.edu.ph](mailto:gpperez1@up.edu.ph)

Mr. Sahran Syukur, Civil Servant, Analyze Program and Activity, Bappeda Kabupaten Masros, Maros City, Email: [sahranc@gmail.com](mailto:sahranc@gmail.com)



## REPUBLIC OF KOREA

Mr. Jong-Bum Kim, Director, Policy of Cooperation Division, Korea Aerospace Research Institute (KARI), Daejeon, Email: [jbkim@kari.re.kr](mailto:jbkim@kari.re.kr)

Mr. InHyun Kim, Chief Executive Officer, Korea Spatial Information & Community (KSIC), Seoul, Email: [ihkim@ksic.net](mailto:ihkim@ksic.net)

## SINGAPORE

Mr. Leong Keong Kwoh, Director, Centre for Remote Imaging, Sensing and Processing (CRISP), National University of Singapore, Email: [crsklk@nus.edu.sg](mailto:crsklk@nus.edu.sg)

Mr. Ahmad Nashriq Ferdaus, Regional Technical Support Engineer, Technical Support - ASIA, Leica Geosystems Technologies Pte Ltd., Email: [ahmad.nashriq@leica-geosystems.com](mailto:ahmad.nashriq@leica-geosystems.com)

## SRI LANKA

Mr. Sanath Panawennage, Director General and Chief Executive Officer, Arthur C. Clarke Institute for Modern Technologies, Moratuwa, Email: [sanathpanawennage@gmail.com](mailto:sanathpanawennage@gmail.com)

Mr. Heshan Gunasekera, Programmer, Information Technology, Arthur C. Clarke Institute for Modern Technologies, Moratuwa, Email: [hearkg@gmail.com](mailto:hearkg@gmail.com)

## THAILAND

Mr. Pakorn Apaphant, Executive Director, Geo-Informatics and Space Technology Development Agency (Public Organization) (GISTDA), Bangkok, Email: [ceo@gistda.or.th](mailto:ceo@gistda.or.th)

Mr. Tatiya Chuentragun, Acting Deputy Executive Director, Geoinformatics Products, Applications & Solutions, GISTDA, Bangkok, Email: [tatiya@gistda.or.th](mailto:tatiya@gistda.or.th)

Ms. Raksina Lekthanoo, Chief of Division, International Relations, GISTDA, Bangkok, Email: [raksina@gistda.or.th](mailto:raksina@gistda.or.th)

Mr. Disapat Sawadisukhitkul, Strategist, International Relations Division, Corporate Strategy Office, GISTDA, Bangkok, Email: [disapat@gistda.or.th](mailto:disapat@gistda.or.th)

Ms. Khruewan Champangern, Geo-Informatics Specialist, GISTDA Academy, GISTDA, Bangkok, Email: [khruewan@gistda.or.th](mailto:khruewan@gistda.or.th)

Mr. Poramet Thuwakham, Geo-Informatics Scientist, GISTDA, Bangkok, Email: [poramet@gistda.or.th](mailto:poramet@gistda.or.th)

Ms. Sutinee Sihirunwong, Geoinformatics and Outreach Scientist, Knowledge Development and Outreach Office, GISTDA, Chonburi, mail: [sutinee@gistda.or.th](mailto:sutinee@gistda.or.th)

Mr. Yootthapoom Potiracha, Scientist, Knowledge Development and Outreach Office, GISTDA, Chonburi, Email: [ypoti@gistda.or.th](mailto:ypoti@gistda.or.th)

Mr. Hao Ran, Researcher, Knowledge Development and Outreach Office, GISTDA, Bangkok, Email: [haoran@gistda.or.th](mailto:haoran@gistda.or.th)

## **TONGA**

Mrs. Halalilika Etika, Deputy Chief Executive Officer, LGIS Division, Ministry of Lands and Natural Resources, Nuku'alofa, Email: [hetika@lands.gov.to](mailto:hetika@lands.gov.to)

Mr. Viliami Folau, Chief Geodetic, Geodetic Survey Section, Ministry of Lands and Natural Resources, Nuku'alofa, Email: [viliami.folau@gmail.com](mailto:viliami.folau@gmail.com)

Mr. Sioeli Lolohea, GIS Administrator, Government, Kolofu'ou, Email: [slolohea@lands.gov.to](mailto:slolohea@lands.gov.to)

## **UNITED NATIONS BODIES AND OTHER ENTITIES**

### **United Nations Environment Programme (UN Environment Programme)**

Mr. Jinhua Zhang, Programme Management Officer, Science Division, UN Environment Programme, Bangkok, Thailand, Email: [zhang6@un.org](mailto:zhang6@un.org)

### **United Nations Institute for Training and Research (UNITAR) / United Nations Operational Satellite Applications Programme (UNOSAT)**

Mr. Khaled Mashfiq, Regional Liaison Officer, UNITAR/UNOSAT, Bangkok, Thailand, Email: [khaled.mashfiq@unitar.org](mailto:khaled.mashfiq@unitar.org)

Mr. Jakrapong Tawala, Satellite Imagery Analysts, UNITAR/UNOSAT, Bangkok, Thailand, Email: [jakrapong.tawala@unitar.org](mailto:jakrapong.tawala@unitar.org)

Ms. Suwanan Sateiandee, Consultant, UNITAR/UNOSAT, Bangkok, Thailand, Email: [suwanan.sateiandee@unitar.org](mailto:suwanan.sateiandee@unitar.org)

## **United Nations Office for Outer Space Affairs (UNOOSA) / UN-SPIDER**

Mr. Shirish Kumar Ravan, Senior Programme Officer, UNOOSA and Head of UN-SPIDER Beijing Office, Beijing, China, Email: [shirish.ravan@un.org](mailto:shirish.ravan@un.org)

## **United Nations Economic and Social Commission for Asia and the Pacific (ESCAP)**

Ms. Tiziana Bonapace, Director, ICT and Disaster Risk Reduction Division (IDD), ESCAP, Bangkok, Thailand, Email: [bonapace.unescap@un.org](mailto:bonapace.unescap@un.org)

Mr. Keran Wang, Chief, Space Applications Section, IDD, ESCAP, Bangkok, Thailand, Email: [wangk@un.org](mailto:wangk@un.org)

Mr. Tae Hyung Kim, Economic Affairs Officer, Space Applications Section, IDD, ESCAP, Bangkok, Thailand, Email: [kimt@un.org](mailto:kimt@un.org)

Ms. Kelly Hayden, Economic Affairs Officer, Space Applications Section, IDD, ESCAP, Bangkok, Thailand, Email: [haydenk@un.org](mailto:haydenk@un.org)

Ms. Juliet Braslow, Associate Economic Affairs Officer, Space Applications Section, IDD, ESCAP, Bangkok, Thailand, Email: [juliet.braslow@un.org](mailto:juliet.braslow@un.org)

Ms. Ingrid Dispert, Associate Programme Officer, Space Applications Section, IDD, ESCAP, Bangkok, Thailand, Email: [dispert@un.org](mailto:dispert@un.org)

Ms. Patricia Budiyo, Staff Assistant, Space Applications Section, IDD, ESCAP, Bangkok, Thailand, Email: [budiyo@un.org](mailto:budiyo@un.org)

Ms. Amporn Jaturasatienchai, Programme Assistant, IDD, ESCAP, Bangkok, Thailand, Email: [jaturasatienchai@un.org](mailto:jaturasatienchai@un.org)

Mr. Hyungbo Kim, Consultant, Space Applications Section, IDD, ESCAP, Bangkok, Thailand, Email: [hyungbo.kim@un.org](mailto:hyungbo.kim@un.org)

Ms. Linda Li, Consultant, Space Applications Section, IDD, ESCAP, Bangkok, Thailand, Email: [linda.li@un.org](mailto:linda.li@un.org)

Ms. Ayeisha Sheldon, Consultant, Space Applications Section, IDD, ESCAP, Bangkok, Thailand, Email: [ayeishasheldon@outlook.com](mailto:ayeishasheldon@outlook.com)

Ms. Rungnapa Kaewthongrach, Consultant, Drought and Crop Monitoring, Space Applications Section, IDD, ESCAP, Bangkok, Thailand Email: [rungnapa.kpp@gmail.com](mailto:rungnapa.kpp@gmail.com)

Mr. Taeook Kang, Intern, Space Applications Section, IDD, ESCAP, Bangkok, Thailand, Email: [taeook.kang@un.org](mailto:taeook.kang@un.org)

Mr. Hanqian Zhang, Intern, Space Applications Section, IDD, ESCAP, Bangkok, Thailand, Email: [hanqian.zhang@un.org](mailto:hanqian.zhang@un.org)

Ms. Nazira Alimzhanova, Intern, Space Applications Section, IDD, ESCAP, Bangkok, Thailand, Email: [nazira.alimzhanova@un.org](mailto:nazira.alimzhanova@un.org)

Mr. Sanjay Srivastava, Chief of Disaster Risk Reduction Section, IDD, ESCAP, Bangkok, Thailand, Email: [srivastavas@un.org](mailto:srivastavas@un.org)

Ms. Kareff Rafisura, Economic Affairs Officer, Disaster Risk Reduction, IDD, ESCAP, Bangkok, Thailand, Email: [rafisura@un.org](mailto:rafisura@un.org)

Ms. Madhurima Sarkar-Swaigood, Economic Affairs Officer, Disaster Risk Reduction, IDD, ESCAP, Bangkok, Thailand, Email: [sarkar-swaigood@un.org](mailto:sarkar-swaigood@un.org)

Ms. Yukhontorn Suewaja, Programme Assistant, IDD, ESCAP, Bangkok, Thailand, Email: [suewaja@un.org](mailto:suewaja@un.org)

Ms. Pradtana Limkrailassiri, IDD, ESCAP, Bangkok, Thailand, Email: [limkrailassiri@un.org](mailto:limkrailassiri@un.org)

Ms. Natacha Pitaksereekul, Staff Assistant, Disaster Risk Reduction Section, IDD, ESCAP, Bangkok, Thailand, Email: [natacha.pitaksereekul@un.org](mailto:natacha.pitaksereekul@un.org)

Mrs. Prangya Paramita Gupta, Consultant, Disaster Risk Reduction Section, IDD, ESCAP, Bangkok, Thailand, Email: [prangya.gupta@un.org](mailto:prangya.gupta@un.org)

Ms. Aida Karazhanova, Economic Affairs Officer, ICT and Development Section, IDD, ESCAP, Bangkok, Thailand, Email: [karazhanova@un.org](mailto:karazhanova@un.org)

Mr. Siope Vakataki Ofa, Economic Affairs Officer, IDD, ESCAP, Bangkok, Thailand, Email: [ofa@un.org](mailto:ofa@un.org)

Mr. Chang Yong Son, Director of Ministry of Science and ICT of Korea, and NRL of ICT and Development Section, IDD, ESCAP, Bangkok, Thailand, Email: [chang.son@un.org](mailto:chang.son@un.org)

Mr. Weimin Ren, Director, Transport Division (TD), ESCAP, Bangkok, Thailand, Email: [weimin.ren@un.org](mailto:weimin.ren@un.org)

Mr. Oliver Paddison, Chief, Countries with Special Needs Section, Macroeconomic Policy and Financing for Development Division (MPFD), ESCAP, Bangkok, Thailand, Email: [paddison@un.org](mailto:paddison@un.org)

Mr. Matthew Perkins, Economic Affairs Officer, Sustainable Urban Development Section, Environment and Development Division (EDD), ESCAP, Bangkok, Thailand, Email: [perkinsm@un.org](mailto:perkinsm@un.org)

Mr. Ram Tiwaree, Economic Affairs Officer, EDD, ESCAP, Bangkok, Thailand, Email: [tiwaree@un.org](mailto:tiwaree@un.org)

Ms. Aneta Nikolova, Environment Affairs Officer, EDD, ESCAP, Bangkok, Thailand, Email: [nikolova@un.org](mailto:nikolova@un.org)

Mr. Elom Etse, Information System Officer, The Information Management, Communications and Technology Section (IMCT), ESCAP, Bangkok, Thailand, Email: [elom.etse@un.org](mailto:elom.etse@un.org)

Ms. Susan Kihuga, Occupational Safety and Health, Medical Services, Human Resource Management Section (HRMS), ESCAP, Bangkok, Thailand, Email: [susan.kihuga@un.org](mailto:susan.kihuga@un.org)

Ms. Pannipa Jangvithaya, Research Assistant, Office of the Chief, Macroeconomic Policy and Financing for Development Division (MPFD), ESCAP, Bangkok, Thailand, Email: [jangvithaya@un.org](mailto:jangvithaya@un.org)

Ms. Nuankae Wongthawatchai, Programme Officer, The Asian and Pacific Training Centre for Information and Communication Technology for Development (APCICT), ESCAP, Seoul, Republic of Korea, Email: [wongthawatchai@un.org](mailto:wongthawatchai@un.org)

Ms. Zhihao Chen, Intern, APCICT, ESCAP, Seoul, Republic of Korea, Email: [zhihao.chen@un.org](mailto:zhihao.chen@un.org)

Ms. Zeynep Orhun Girard, Statistician, Statistics Division (SD), ESCAP, Bangkok, Thailand, Email: [orhun@un.org](mailto:orhun@un.org)

Mr. Aahlaad Musunuru, GIS Consultant, SD, ESCAP, Bangkok, Thailand, Email: [aahlaad.musunuru@un.org](mailto:aahlaad.musunuru@un.org)

Ms. Jeonkyoung Cha, Expert on Social Policy, Social Development Division (SDD), ESCAP, Bangkok, Thailand, Email: [jeonkyoung.cha@un.org](mailto:jeonkyoung.cha@un.org)

Mr. Fei Xie, Expert, Macroeconomic Policy and Financing for Development Division (MPFD), ESCAP, Bangkok, Thailand, Email: [fei.xie@un.org](mailto:fei.xie@un.org)

Ms. Jiarui Wang, Intern, ICT and Development Section, IDD, ESCAP, Bangkok, Thailand, Email: [jiarui.wang@un.org](mailto:jiarui.wang@un.org)

Mr. Abdulai Taylor Kamara, Intern, IDD, ESCAP, Bangkok, Thailand, Email: [abdualai.kamara@un.org](mailto:abdualai.kamara@un.org)

Mr. Alex Lee-Emery, Intern, Sustainable Urban Development Section, Environment and Development Division (EDD), ESCAP, Bangkok, Thailand, Email: [alexander.lee-emery@un.org](mailto:alexander.lee-emery@un.org)

Mr. Daniel Newns, Intern, Sustainable Urban Development Section, EDD, ESCAP, Bangkok, Thailand, Email: [daniel.newns@un.org](mailto:daniel.newns@un.org)

Ms. Dipanju Buragohain, Intern, Transport Division (TD), ESCAP, Bangkok, Thailand, Email: [dipanju.buragohain@un.org](mailto:dipanju.buragohain@un.org)

Ms. Yoon-Young Jang, Intern, Strategic Communications and Advocacy Section (SCAS), ESCAP, Bangkok, Thailand, Email: [yoong.jang@un.org](mailto:yoong.jang@un.org)

Mr. Gaurav Pundir, Intern, Subregional Office for South and South-West Asia (SSWA), ESCAP, New Delhi, India, Email: [Gaurav.pundir@un.org](mailto:Gaurav.pundir@un.org)

## **OTHER INTERNATIONAL ORGANIZATIONS**

### **Asian Disaster Preparedness Center (ADPC)**

Mr. Peeranan Towashiraporn, Director, Geospatial Information, Geospatial Information, Asian Disaster Preparedness Center (ADPC), Bangkok, Thailand, Email: [peeranan@adpc.net](mailto:peeranan@adpc.net)

Mr. Rishiraj Dutta, Capacity Development Lead, Geospatial Information Department, ADPC, Bangkok, Thailand, Email: [rishiraj.dutta@adpc.net](mailto:rishiraj.dutta@adpc.net)

### **Asian Disaster Reduction Center (ADRC)**

Mr. Koji Suzuki, Executive Director, Asian Disaster Reduction Center (ADRC), Tokyo, Japan, Email: [ks-suzuki@adrc.asia](mailto:ks-suzuki@adrc.asia)

### **Aerospace Information Research Institute, Chinese Academy of Sciences (AIR-CAS)**

Ms. Jing Zhao, Key Laboratory of Digital Earth Science, Aerospace Information Research Institute in Chinese Academy of Science (AIR-CAS), Beijing, China, Email: [zhaojing01@radi.ac.cn](mailto:zhaojing01@radi.ac.cn)

Mr. Zugang Chen, Researcher, Satellite Data Technology Division, AIR-CAS, Beijing, China, Email: [chenzg@aircas.ac.cn](mailto:chenzg@aircas.ac.cn)

Mr. Tengfei Yang, Assistant Researcher, Satellite Data Technology Division, AIR-CAS, Beijing, China, Email: [yangtf@radi.ac.cn](mailto:yangtf@radi.ac.cn)

Mr. Lianchong Zhang, Assistant Researcher, Satellite Data Technology Division, AIR-CAS, Beijing, China, Email: [zhanglc@aircas.ac.cn](mailto:zhanglc@aircas.ac.cn)

Ms. Jing Zhao, Assistant Researcher, Satellite Data Technology Division, AIR-CAS, Beijing, China, Email: [zhao.j@aircas.ac.cn](mailto:zhao.j@aircas.ac.cn)

Prof. Guoqing Li, Professor, Satellite Data Technology Division, AIR-CAS, Beijing, China, Email: [ligq@aircas.ac.cn](mailto:ligq@aircas.ac.cn)

### **Asian Institute of Technology (AIT)**

Mr. Manzul Kumar Hazarika, Director, Geoinformatics Center, Asian Institute of Technology (AIT), Bangkok, Thailand, Email: [manzul@ait.asia](mailto:manzul@ait.asia)

### **Dole Asia Holdings Pte. Ltd.**

Mr. Keisuke Oba, Vice President, Global Head of Sustainability, Corporate Planning, Dole Asia Holdings Pte. Ltd., Makati City, Philippines, Email: [keisuke.oba@doleintl.com](mailto:keisuke.oba@doleintl.com)

### **FUNDACIÓN PAOLA ZOZAYA**

Mrs. Miriam Saavedra, Director, FUNDACIÓN PAOLA ZOZAYA, Madero, Tamaulipas, Mexico, Email: [miriam.saavedra@icloud.com](mailto:miriam.saavedra@icloud.com)

### **Prince of Songkla University**

Mr. Ponlachart Chotikarn, Lecturer, Marine and Coastal Resources Institute, Faculty of Environmental Management, Prince of Songkla University, Songkla, Thailand, Email: [ponlachart.c@psu.ac.th](mailto:ponlachart.c@psu.ac.th)

Mr. Khamphe Pongthong, Lecturer, Faculty of Environmental Management, Prince of Songkla University, Songkla, Thailand, Email: [khamphe@hotmail.com](mailto:khamphe@hotmail.com)

### **VForce**

Mr. Sivamohan S., Coordinator, VForce , Alappuzha, India , Email: [sforsivan@gmail.com](mailto:sforsivan@gmail.com)

## **Zambia Geospatial Nigeria Limited**

Mr. Tesini Precious Dombo, GIS Analyst/Professional Support Analyst, Technical support,  
Zambia Geospatial Nigeria Limited, Abuja, Nigeria, Email: [dombo.tesini@gmail.com](mailto:dombo.tesini@gmail.com)

---