

**Program of ASEAN-China Workshop/Training on Integrated Geological Data
Processing (IGDP)(2-7 March 2016, Beijing, China)**

Date	Day	Time	Contents	Lecturer(s)
Mar. 1	Tue		Registration (Picking up Delegates from the airport)	
2	Wed	8:30-9:00	1.Registration	
		9:00-10:00	2.Opening Ceremony Addresses from sponsor and organizers. Ministry of Land and Resources, P.R. China China Geological Survey(CGS) Development Research Center, CGS	Prof. Zhang Minghua
		10:00-10:30	3.Group Photo.Coffee Break.Introduction of delegates.	
		10:30-12:00	4.Country reports by delegates on national geological, geophysical, geochemical and mineral exploration work and geological databases	Dr.Liu Dawen
		13:30-17:30	4c.Country reports by delegates on national geological, geophysical, geochemical and mineral exploration work and geological databases 5.Geophysical Exploration activity for minerals in China 6.Geochemical Exploration and Activities in China. 7.Geochemical Survey and Assessment of Land Quality in China.	Prof. Zhang Minghua Prof.Wang Xueqiu Prof.Zhou Guohua
3	Thu	9:00-12:00	8.Gravity& Magnetic ExplorationIntroduction. 9.Airborne Acquisition& processing. 10.Satellite Acquisition & processing. 11.Cleaning up airborne gravity andaeromagnetic data. 12.Advanced Data Processing-Amplitude and Phase derivatives. 13.Mapping sub-surface geological structures.	Prof. JD Fairhead
		13:30-17:30	14.Mineral Case History:(Magnetic)-The ErindiGold prospect, Namibia (or “The Bruno Story”). 15.Oil Case History: (Gravity)-Determining the future exploration opportunities in the Muglad Basin, Sudan. 16.New Techniques and Application Trends in Geophysics-CSEM, EM and IP Methods, Tensor gravity. 17.New Techniques in Interpretation-Finite depth modelling using phase and local wavenumber, Pseudo Gravity 3D modelling.	
4	Fri	9:00-12:00	19.Geological database and data sharing-OneGeologyChinadata processing and release techniques 21.Introduction of RGIS-IGDP software 22.Integrated Geological Data management-geophysical &geochemical data, geological map data, and mineral deposit data management.	Dr. Liu Rongmei Prof. Zhang Minghua Dr.Liu Ling, Dr.Wang Chengxi
		13:30-17:30	23.Gravity data processing 24. Magnetic data processing	Dr.QiaoJihua

Date	Day	Time	Contents	Lecturer(s)
5	Sat	9:00-12:00	25. 2.5D Gravity & Magnetic anomaly inversion 26. 3D Gravity & Magnetic anomaly inversion and expression	Dr. Qu Niannian Dr. Yuhailong
		14:00-18:00	27. Geological site trip to The Great Wall	Liu Jia Yang Beibei
6	Sun	9:00-12:00	28. New ASEAN Minerals Cooperation Action Plan (AMCAP) 2016-2020 29. Brief Introduction of CGS and Cooperation with ASEAN 30. Discussion on next-step work plan, Demands and suggestions 31. Closing Ceremony. (1) Remarks from MLR (2) IGDP software package presentation to ASEAN state participants. (3) Certification Presentation to the participants.	MLR official Ms. Rabiah Al Adawiyah
		Afternoon	32. Trip to Nanning	Yang Beibei Liu Jia
7	Mon	Morning	33. Technical visit to The Institutes of Geological Survey of Guangxi Province at Nanning.	
		Afternoon	34. Trip/visit to ASEAN-China Centre	
Mar. 8	Tue	Whole Day	35. Departure (See-off at the airport)	