

52nd ISM Presidium Meeting

Meeting Minutes

7-8 July 2025, Krakow, Poland.



1. Call to order

- Welcome Address by President of the Polish Committee of the ISM Prof. Ryszard Hejmanowski (6th of July 2025)
- ISM President, Prof. Hendrik Grobler, called to order the regular meeting of the ISM Presidium on 7 July 2025 at 8am-12am (1st Part) and 8 July 2025 at 8am-12am (2nd Part) at the AGH University of Cracow, Poland. Prof. Hendrik Grobler welcomed all attendees and thanked them for coming to Poland. He also expressed special thanks to the AGH University of Krakow, Poland hosting this event.

2. Roll call

The original signed list of attendees is included as the Attachment 1.

3. Apologies for absence

Prof. Agnes Malinowska and Dr. Yang Yongjun advised about ISM members who had provided apologies for absence at the meeting. The list of apologies includes:

Name	Affiliation	Country	Apologies
Edmond Hoxha	Polytechnic University of Tirana, Faculty of Geology and Mine	Albania	Problems with online connection
Simit Raval	UNSW SYDNEY NSW AUSTRALIA	Australia	Another commitment
Zheng Nanshan	China University of Mining and Technology	China	Another commitment
Wang Lei	Anhui University of Science and Technology	China	Another commitment
Jiang Yan	Shandong University of Science and Technology	China	Another commitment
Wang Jian	Shandong University of Science and Technology	China	Another commitment
Shi Zhen	Chang'an University	China	Another commitment
Yang Zefa	Central South University	China	Another commitment
Lin Hui	Beibu Gulf University	China	Another commitment
Qin Kai	China University of Mining and Technology	China	Visa Problems



Li Jing	China University of Mining and Technology (Beijing)	China	Personal reasons
Sayyidjabbor Sayyidkosimov	The Tashkent State Technical University	Uzbekistan	Visa Problems, online
Nason Adero	Kenya Mine Surveying	Kenya	Another commitment, online
Gumbie Munesu Stewart	Zimbabwe Mine Surveying	Zimbabwe	Another commitment, online

4. Acceptance of Agenda

Attendees accepted the proposed Meeting's Agenda as in the Attachment 2.

5. Obituaries

No obituaries.

6. Review of the last Presidium Meeting

The 51st Presidium Meeting in Paarl, South Africa.

Minutes still under discussion regarding following topics:

Approval of Seeds Commission, overlapping field of expertise with other commissions.

Voting rights of Coordination Division Members (no voting rights, overlapping positions).

Working groups establishment under commissions rules (obligatory information delivery to the President and Commissions Chairs)

7. Report on preparations for the International Congress of the XIX (19th) ISM to be held in South Africa in 2026

The flyer of 19th International Congress for Mine Surveying has been shared at <https://www.ism-minesurveying.com/article/item/178>.

8. Presentations by ISM Commissions Chairs, Co-Chair, or Secretary

8.1. Commission 1 Education, history, laws, and regulations related to mine surveying

Chair – Bian Zhengfu give the progress report.

8.2. Commission 2 Mineral Reserves and resource management

Chair – Frederick Cawood gives the progress report.

8.3. Commission 3 Measurement techniques and instruments, equipment, graphics etc.

Chair – Jörg Benndorf gives the progress report online.

8.4. Commission 4 Mining damage, Deformation monitoring, rock formation.

Chair – Ryszard Hejmanowski and the Polish national representative – Agnieszka Malinowska gives the progress report. Co-Chair – Dai Huayang present the meeting and participate the discussion.



8.5. Commission 5 Environmental planning, monitoring and restoration.

Chair – Simit Raval provide the progress report. Australia representative-national delegate – Chris Moy presents the meeting and participate the discussion.

8.6. Commission 6 Mine closure, underground space, economic transformation, and sustainability.

Chair – Zou Youfeng and Secretary Liu Changhua give the progress report.

8.7. Seed commission.

Chair – Zheng Kefei give the progress report.

The annual report of each commission can be found from the ISM Website at <https://www.ism-minesurveying.com/>

9. Information regarding national events of interest to minerals surveyors (all Presidium Members)

9.1. Australia

9.2. China

9.3. Czech Republic

9.4. Germany

9.5. Hungary

9.6. Kenya

9.7. Poland

Mining Surveyors Conference/ every two years (October 2025)

9.8. Slovakia

9.9. South Africa

9.10. Uzbekistan

9.11. Zimbabwe

10. National reports from member counties

10.1. Australia, Australia representative-national delegate – Chris Moy presents the report.

10.2. China, China representative-national delegate – Huang Leting and the Chair of ISM Commission 1 – Bian Zhengfu presents the report.

10.3. Czech Republic, Czech Republic representative-national delegate – Miroslav Novosad presents the report.

10.4. Germany, Germany representative-national delegate – Axel Preuße presents the report.

10.5. Hungary, Hungary representative-national delegate – István Havasi presents the report.

10.6. Kenya, Nashon Adero presents the report.

10.6. Poland, Polish representative-national delegate – Agnieszka Malinowska presents the report.

10.7. Slovakia, Slovakia representative-national delegate – Ľudovít Kovanič presents the report.

10.8. South Africa, President of the Institute of Mine Surveyors of South Africa – Mr. T. Tsotetsi presents the report.

10.9. Uzbekistan, Abdurauf Abdukodirov, on the behalf of Prof. Sayyidjabbor Sayyidkosimov, presents the report.

10.10. Zimbabwe, President - Association of Mine Surveyors of Zimbabwe, Gumbie Munesu Stewart, send the report to the organizer.

Some of the reports of member counties can be found from in the attachments.

11. Nomination and confirmation of new ISM Commission Members

According to the ISM statues, each presidium meeting will annually review, nominate, and confirm new members, including presidium members, sponsoring members, national members, regular members of each commission, and commission leaders.

Only when the applicant or nominated person the presidium meeting offline and give self-introduction, will they be confirmed and issued a certificate with the ISM stamp and the ISM President's signature.

The new ISM Commission Members nominated or confirmed are listed in the table below.

No.	Name	Affiliation	Position	Statues
1	Jan Blachowski	Wroclaw University of Science and Technology, Poland	Co-Chair of Commission 1	Confirmed
2	Li Jing	TU Bergakademie Freiberg	Secretary of Commission 3	Confirmed
3	Agnieszka Malinowska	AGH University of Krakow	Co-Chair of Commission 3	Nominated
4	Liu Changhua	Henan Polytechnic University	Secretary of Commission 6	Confirmed
5	Alexandra Barbarica	Montanuniversität Leoben	Member	Nominated
6	Gumbie Munesu Stewart	Association of Mine Surveyors of Zimbabwe	Member, Zimbabwe representative-national delegate	Nominated
7	Nashon Adero	Kenya Chamber of Mines	Member of Commission 4	Confirmed

8	Sławomir Bojarczuk	LZW Bogdanka S.A., Poland	Member of Commission 4	Nominated
9	Damian Kurdek	K.S. Kłodawa, Poland	Member of Commission 4	Nominated
10	Bartosz Stypiński	LZW Bogdanka S.A., Poland	Member of Commission 4	Nominated
11	Bao Nisha	Northeastern University	Member	Confirmed
12	Abdurauf Abdukodirov	TU Bergakademie Freiberg	Member	Confirmed
13	Ľudovít Kovanič	Technical University of Kosice	Member, Slovakia representative-national delegate	Confirmed
14	Karsten Zimmermann	DMT GmbH & Co. KG	Member of ISM Commission 3	Confirmed

12. Report on Activity of ISM Coordination Division

Report of Coordination Division presented by Dr Yang Yongjun.

-UNESCO contact regarding ISM Activity. Prof. Bian Zhengfu and China Delegation meet with UNESCO representative in Paris 5th of July discussing the reactivation ISM as NGO under auspices of UNESCO. The specific requirement has been defined to fulfill to become NGO. President Hendrik Grobler underlined that every activity done in the name of ISM must be agreed in advance with President.

- Coordination Division is still open for continental representatives.

Prof. Anna Chrzanowski (Canada) was accepted as North America Representative.

General Items

- Young members to attend as co-representatives
- Aging mine survey profile
- Marketing and definition of Mine Surveying for prospective students
- Recognition of long-time members

13. Report on the progress of preparations for future ISM Congresses

Prof. Hendrik Grobler, from the University of Johannesburg, provided status of early preparations for ISM Congress 2026, which will be held in Cape Town in South Africa 22-25 October 2026.

14. New bid for future Congress

Prof. Sayyidjabbor Sayyidkosimov from Uzbekistan confirmed interest of the 20th International Congress for Mine Surveying in 2029. Taking into account existence of only one bid for organization of the Congress in 2029, the bid from Uzbekistan was accepted with



condition that Uzbekistan should submit formal bid (including the reason for hosting the congress, expected outcome, commitment, approval from the host countries or other authority, hosts, organizing committee, president and his secretary, place, time, register fee, main activities and program, contact) to executive presidium before the end of 2023. The Bids has been delivered to executive presidium.

15. Confirmation of future Presidium Meetings

2027 – Uzbekistan will hold the ISM Presidium Meeting.

16. The discussion of seed commissions

To meet the rapid development of mine surveying technology, seed commissions were discussed (during 50 Presidium Meeting in China) to be established based on the development of international mine surveying technology, focusing on new professional fields such as *remote sensing*, *space mining* and *underground space*.

The members of the ISM do not agree with the statement of Seed commission that remote sensing and underground space is not applied by other commissions. So, these field is overlapping with other commissions and not should be filed of exceptional research of Seed Commission. The Space mining is the only subject which is covered by other existing commissions. Activity of Seed Commission still not be accepted. In status of ISM there is a statement that under ISM are 6 commission. Activity of Seed commission can we considered as working group with no vote rights.

17. International Scientific Seminar “Mining Surveying and Geohazards: Current Trends and Future Directions”

There are a total of 14 academic reports focusing on topics such as mining subsidence, surface deformation measurement, utilization of abandoned mines, mine surveying education, hyperspectral remote sensing, and space mining. The attendees enthusiastically discussed these cutting-edge topics.

No.	Name	Speech
1	Dai Huayang	Coal mine high-intensity mining subsidence and environmental impact
2	Bao Nisha	Estimating and mapping tailings properties of the largest iron cluster in China for resource potential and reuse
3	Yuan Zhanliang	AI Enables Surveying and Mapping Engineering Professional Development and Talent Education
4	Lian Xugang	Research on the prediction model of residual subsidence in mining areas using GNSS and InSAR monitoring
5	Jörg Benndorf	A Geomatic Framework for Managing Ground Movement related Impacts for UGS
6	Bian Zhengfu	The key technologies for underground pumping storage by using abandoned coal mines
7	Elmira Orynbassarova	Exploring Geospatial Innovations: A Review of Remote Sensing and GIS Projects in the Satbayev University Environment

8	Zou Youfeng	Deformation Mechanism and Prevention of High Speed Railway Roadbed in Goaf Site of Qinshui Coal Field
9	Nason Adero	Integrating System Dynamics into Mine Planning: Lessons on Spatial Scale and Multisectoral Linkages from Kenya
10	Zhang Kefei	Geospatial for Space Resources Exploration and Exploitation - A New Territory of Geodesy and Surveying
11	Grobler, Cawood	Mine Surveyors Education in SA
12	Liu Changhua	Progress and Research Hotspots of Mining Surveying Technology in China
13	Sayyidjabbor Sayyidkosimov	Forecasting the stability of preparatory mining operations during underground mining of ore deposits based on static models of rock collapses in space and time
14	Yan Yueguan	Surface Movement Law and Village Protection Coal Pillar Design Technology under Thick Alluvial Layer in Kailuan Mining Area
15	Karsten Zimmermann	DMT SAFEGUARD monitoring services
16	Cai Lailiang	New Technology of Mining Subsidence Monitoring and Prediction

18. Preparation of 20th International Congress for Mine Surveying

M.Sc. Abdurauf Abdukodirov: Introduction to the preparations for the ISM Congress 2029 to be hosted in Uzbekistan.

19. Miscellaneous

20. Closure of the meeting

Meeting was closed 8th of July 2025 at 12:00pm.

Draft of minutes prepared by Agnieszka Malinowska from ISM Coordination Division/ ISM Poland Representative, European ISM Coordination and Prof. Ryszard Hejmanowski Chair of IV ISM Commission, Chair of Polish Committee of Mine Surveyors. Dr. Yang Yongjun from ISM Coordination Division also prepared part of the minutes.