Acknowledgements

We would like to extend our heartfelt thanks to Dr. Prakash Chauhan, Director, National Remote Sensing Centre (NRSC), Hyderabad and President, 43rd INCA International Congress, for his unwavering support and encouragement throughout this International Congress. We also express our deep gratitude to the members of the National Advisory Committee and the Executive Committee of INCA for their valuable suggestions and guidance.

Our role as editors has been both swift and challenging, but we have completed this work with the help of many colleagues. We are especially grateful to the authors, speakers of the memorial lectures, academic researchers, educators, geospatial industry professionals, and students for their contributions. We also appreciate the reviewers and expert committee members from various scientific departments for their timely feedback.

A special thanks to the technical committees, chairs, and co-chairs for recommending exceptional contributions that made this proceedings possible. We also thank the members of the local organizing committee for their dedication and hard work in ensuring the success of the 43rd INCA International Congress.

Finally, we are thankful to Shri Koushik Ghosh, Shri Subham Roy, and Shri Gaurav Puri for their crucial role in managing the manuscripts, responding to authors, and compiling this proceedings.