

## Contents

<b>Chapter 1</b> MAZUMDER, R. & ERIKSSON, P. G. Precambrian basins of India: stratigraphic and tectonic context	1
<b>General area</b>	
<b>Chapter 2</b> ALLEN, P. A., ERIKSSON, P. G., ALKMIM, F. F., BETTS, P. G., CATUNEANU, O., MAZUMDER, R., MENG, Q. & YOUNG, G. M. Classification of basins, with special reference to Proterozoic examples	5
<b>Chapter 3</b> MEERT, J. G. & PANDIT, M. K. The Archaean and Proterozoic history of Peninsular India: tectonic framework for Precambrian sedimentary basins in India	29
<b>Aravalli–Bundelkhand Craton</b>	
<b>Chapter 4</b> ROY, A. B. & PUROHIT, R. Lithostratigraphic, geochronological and depositional framework of the Precambrian basins of the Aravalli Mountains and adjoining areas, Rajasthan, India	55
<b>Chapter 5</b> CHAKRABORTY, P. P., PANT, N. C. & PAUL, P. P. Controls on sedimentation in Indian Palaeoproterozoic basins: clues from the Gwalior and Bijawar basins, central India	67
<b>Chapter 6</b> BOSE, P. K., SARKAR, S., DAS, N. G., BANERJEE, S., MANDAL, A. & CHAKRABORTY, N. Proterozoic Vindhyan Basin: configuration and evolution	85
<b>Singhbhum Craton</b>	
<b>Chapter 7</b> HOFMANN, A. & MAZUMDER, R. A review of the current status of the Older Metamorphic Group and Older Metamorphic Tonalite Gneiss: insights into the Palaeoarchaean history of the Singhbhum craton, India	103
<b>Chapter 8</b> VAN LOON, A. J. & DE, S. Archaean sedimentation on the Singhbhum Craton: depositional environments of conglomerates in Jharkhand (east India)	109
<b>Chapter 9</b> GHOSH, G., GHOSH, B. & MUKHOPADHYAY, J. Palaeoarchaean–Mesoproterozoic sedimentation and tectonics along the west-northwestern margin of the Singhbhum Granite body, eastern India: a synthesis	121
<b>Chapter 10</b> MAZUMDER, R., DE, S., OHTA, T., FLANNERY, D., MALLIK, L., CHAUDHURY, T., CHATTERJEE, P., RANAIVOSON, M. A. & ARIMA, M. Palaeo-Mesoproterozoic sedimentation and tectonics of the Singhbhum Craton, eastern India, and implications for global and craton-specific geological events	139
<b>Bastar Craton</b>	
<b>Chapter 11</b> MOHANTY, S. P. Palaeoproterozoic supracrustals of the Bastar Craton: Dongargarh Supergroup and Sausar Group	151
<b>Chapter 12</b> CHAUDHURI, A. K., DEB, G. K. & PATRANABIS-DEB, S. Conflicts in stratigraphic classification of the Puranas of the Pranhita–Godavari Valley: review, recommendations and status of the ‘Penganga’ sequence	165
<b>Chapter 13</b> CHAKRABORTY, P. P., SAHA, S. & DAS, P. Geology of Mesoproterozoic Chhattisgarh Basin, central India: current status and future goals	185
<b>Chapter 14</b> DAS, K., CHAKRABORTY, P. P., HAYASAKA, Y., KAYAMA, M., SAHA, S. & KIMURA, K. c. 1450 Ma regional felsic volcanism at the fringe of the East Indian Craton: constraints from geochronology and geochemistry of tuff beds from detached sedimentary basins	207
<b>Dharwar Craton</b>	
<b>Chapter 15</b> SUNDER RAJU, P. V. & ERIKSSON, P. G. Evolution of c. 3.5–2.5 Ga basins of the Dharwar Craton	223
<b>Chapter 16</b> MATIN, A. Tectonics of the Cuddapah Basin and a model of its evolution: a review	231
<b>Chapter 17</b> CHAKRABARTI, G., ERIKSSON, P. G. & SHOME, D. Sedimentation in the Papaghni Group of rocks in the Papaghni sub-basin of the Proterozoic Cuddapah Basin, India	255
<b>Chapter 18</b> SAHA, D., SAIN, A., NANDI, P., MAZUMDER, R. & KAR, R. Tectonostratigraphic evolution of the Nellore schist belt, southern India, since the Neoarchaean	269
<b>Chapter 19</b> DEY, S. Geological history of the Kaladgi–Badami and Bhima basins, south India: sedimentation in a Proterozoic intracratonic setup	283

<b>Chapter 20</b> SENGUPTA, P., RAITH, M. M., KOOIJMAN, E., TALUKDAR, M., CHOWDHURY, P., SANYAL, S., MEZGER, K. & MUKHOPADHYAY, D.	297
Provenance, timing of sedimentation and metamorphism of metasedimentary rock suites from the Southern Granulite Terrane, India	
<b>Concluding topics</b>	
<b>Chapter 21</b> DEB, M. & PAL, T. Mineral potential of Proterozoic intracratonic basins in India	309
<b>Chapter 22</b> MISHRA, B. Precambrian metallic mineralization in India	327
<b>Chapter 23</b> MIALL, A. D., CATUNEANU, O., ERIKSSON, P. G. & MAZUMDER, R. A brief synthesis of Indian Precambrian basins: classification and genesis of basin-fills	339
<b>Index</b>	349