

# Contents

<b>1 Preface</b>	<b>1</b>
<b>2 The International Seismological Centre</b>	<b>2</b>
2.1 The ISC Mandate . . . . .	2
2.2 Brief History of the ISC . . . . .	3
2.3 Former Directors of the ISC and its U.K. Predecessors . . . . .	4
2.4 Member Institutions of the ISC . . . . .	5
2.5 Sponsoring Organisations . . . . .	10
2.6 Data Contributing Agencies . . . . .	12
2.7 ISC Staff . . . . .	19
<b>3 Availability of the ISC Bulletin</b>	<b>24</b>
<b>4 Citing the International Seismological Centre</b>	<b>25</b>
4.1 The ISC Bulletin . . . . .	25
4.2 The Summary of the Bulletin of the ISC . . . . .	26
4.3 The historical printed ISC Bulletin (1964-2009) . . . . .	26
4.4 The IASPEI Reference Event List . . . . .	26
4.5 The ISC-GEM Catalogue . . . . .	26
4.6 The ISC-EHB Dataset . . . . .	28
4.7 The ISC Event Bibliography . . . . .	28
4.8 International Registry of Seismograph Stations . . . . .	28
4.9 Seismological Dataset Repository . . . . .	28
4.10 Data transcribed from ISC CD-ROMs/DVD-ROMs . . . . .	28
<b>5 Summary of Seismicity, July – December 2019</b>	<b>29</b>
<b>6 Statistics of Collected Data</b>	<b>34</b>
6.1 Introduction . . . . .	34
6.2 Summary of Agency Reports to the ISC . . . . .	34
6.3 Arrival Observations . . . . .	39
6.4 Hypocentres Collected . . . . .	46
6.5 Collection of Network Magnitude Data . . . . .	48
6.6 Moment Tensor Solutions . . . . .	54
6.7 Timing of Data Collection . . . . .	56

<b>7 Overview of the ISC Bulletin</b>	<b>58</b>
7.1 Events . . . . .	58
7.2 Seismic Phases and Travel-Time Residuals . . . . .	67
7.3 Seismic Wave Amplitudes and Periods . . . . .	73
7.4 Completeness of the ISC Bulletin . . . . .	75
7.5 Magnitude Comparisons . . . . .	77
<b>8 The Leading Data Contributors</b>	<b>82</b>
8.1 The Largest Data Contributors . . . . .	82
8.2 Contributors Reporting the Most Valuable Parameters . . . . .	85
8.3 The Most Consistent and Punctual Contributors . . . . .	89
<b>9 Appendix</b>	<b>91</b>
9.1 Tables . . . . .	91
<b>10 Glossary of ISC Terminology</b>	<b>109</b>
<b>11 Acknowledgements</b>	<b>113</b>
<b>References</b>	<b>114</b>