

# Contents

<b>1</b>	<b>Preface</b>	<b>1</b>
<b>2</b>	<b>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 . . . . .	9
2.6	Data Contributing Agencies . . . . .	12
2.7	ISC Staff . . . . .	18
<b>3</b>	<b>Availability of the ISC Bulletin</b>	<b>23</b>
<b>4</b>	<b>Citing the International Seismological Centre</b>	<b>24</b>
4.1	The ISC Bulletin . . . . .	24
4.2	The Summary of the Bulletin of the ISC . . . . .	25
4.3	The historical printed ISC Bulletin (1964-2009) . . . . .	25
4.4	The IASPEI Reference Event List . . . . .	25
4.5	The ISC-GEM Catalogue . . . . .	25
4.6	The ISC-EHB Dataset . . . . .	26
4.7	The ISC Event Bibliography . . . . .	27
4.8	International Registry of Seismograph Stations . . . . .	27
4.9	Seismological Dataset Repository . . . . .	27
4.10	Data transcribed from ISC CD-ROMs/DVD-ROMs . . . . .	27
<b>5</b>	<b>Operational Procedures of Contributing Agencies</b>	<b>28</b>
5.1	China Earthquake Administration: Chinese Seismic Network . . . . .	28
5.1.1	Seismicity and Seismic Hazard . . . . .	28
5.1.2	History and Outlook of CSN . . . . .	29
5.1.3	Current Status . . . . .	32
5.1.4	Routine Data Analysis . . . . .	34
5.1.5	Methodology . . . . .	37
5.1.6	Data Availability . . . . .	39
5.1.7	Acknowledgements . . . . .	40

---

<b>6</b>	<b>Summary of Seismicity, July – December 2017</b>	<b>41</b>
<b>7</b>	<b>Statistics of Collected Data</b>	<b>47</b>
7.1	Introduction . . . . .	47
7.2	Summary of Agency Reports to the ISC . . . . .	47
7.3	Arrival Observations . . . . .	52
7.4	Hypocentres Collected . . . . .	59
7.5	Collection of Network Magnitude Data . . . . .	61
7.6	Moment Tensor Solutions . . . . .	66
7.7	Timing of Data Collection . . . . .	69
<b>8</b>	<b>Overview of the ISC Bulletin</b>	<b>71</b>
8.1	Events . . . . .	71
8.2	Seismic Phases and Travel-Time Residuals . . . . .	80
8.3	Seismic Wave Amplitudes and Periods . . . . .	85
8.4	Completeness of the ISC Bulletin . . . . .	87
8.5	Magnitude Comparisons . . . . .	88
<b>9</b>	<b>The Leading Data Contributors</b>	<b>93</b>
9.1	The Largest Data Contributors . . . . .	93
9.2	Contributors Reporting the Most Valuable Parameters . . . . .	96
9.3	The Most Consistent and Punctual Contributors . . . . .	100
<b>10</b>	<b>Appendix</b>	<b>102</b>
10.1	Tables . . . . .	102
<b>11</b>	<b>Glossary of ISC Terminology</b>	<b>120</b>
<b>12</b>	<b>Acknowledgements</b>	<b>124</b>
	<b>References</b>	<b>125</b>