## Appendix 1: Scientific expert advisory board for systematic review

<table>
<thead>
<tr>
<th>No.</th>
<th>Participant name</th>
<th>Site name and mountain range</th>
<th>Region</th>
<th>Affiliation</th>
<th>Position</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Kelly Hopping</td>
<td>Nyenchentanglha Mountains, Tibet Autonomous Region, China</td>
<td>Asia</td>
<td>Woods Institute for the Environment, Stanford University</td>
<td>Postdoctoral research fellow</td>
</tr>
<tr>
<td>2</td>
<td>Stephanie Kampf</td>
<td>Rockies, Colorado, USA</td>
<td>North America</td>
<td>Department of Ecosystem Science and Sustainability, Colorado State University</td>
<td>Associate Professor</td>
</tr>
<tr>
<td>3</td>
<td>Karina Yager</td>
<td>Andes in Bolivia and Peru, Chile</td>
<td>South America</td>
<td>Sustainability Studies, Stonybrook University</td>
<td>Assistant Professor</td>
</tr>
<tr>
<td>4</td>
<td>Birgit Müller</td>
<td>High Atlas Mountains, Morocco</td>
<td>Africa</td>
<td>Helmholtz Centre for Environmental Research UFZ</td>
<td>Head of Junior Research Group</td>
</tr>
<tr>
<td>5</td>
<td>Mateja Smud</td>
<td>Triglav National Park and Julian Alps, Slovenia</td>
<td>Europe</td>
<td>Research Centre of Slovenian Academy of Sciences and Arts, Anton Melik Geographical Institute</td>
<td>Research Fellow</td>
</tr>
<tr>
<td>6</td>
<td>Vishwas Chitale</td>
<td>Chitwan Annapurna Landscape, Nepal / Kailash Sacred Landscape, Hindu Kush Himalayas</td>
<td>Asia</td>
<td>International Centre for Integrated Mountain Development (ICIMOD)</td>
<td>Remote Sensing Analyst- Ecosystems Geospatial Solutions</td>
</tr>
<tr>
<td>7</td>
<td>Xiaodong Chen</td>
<td>Qionglai Mountains, China</td>
<td>Asia</td>
<td>Department of Geography, University of North Carolina at Chapel Hill</td>
<td>Assistant Professor of Geography</td>
</tr>
<tr>
<td>8</td>
<td>Claudia Captani</td>
<td>Taita Hills, Jimma Highlands, Kenya</td>
<td>Africa</td>
<td>Department of Environment and Geography, University of York</td>
<td>Research fellow</td>
</tr>
<tr>
<td>9</td>
<td>Julia Klein</td>
<td>Nyenchentanglha Mountains, Tibet Autonomous Region, China</td>
<td>Asia</td>
<td>Department of Ecosystem Science and Sustainability, Colorado State University</td>
<td>Associate Professor, Principal Investigator</td>
</tr>
<tr>
<td>10</td>
<td>Robin Reid</td>
<td>Kilimanjaro, Tanzania / Rockies, Colorado, USA</td>
<td>Africa/ North America</td>
<td>Center for Collaborative Conservation, Colorado State University</td>
<td>Director, Principal Investigator</td>
</tr>
<tr>
<td>11</td>
<td>Catherine Tucker</td>
<td>Sierra Madre de Oaxaca, Mexico / Santa Barbara Mountains, Honduras</td>
<td>Central America</td>
<td>Department of Anthropology and Center for Latin American Studies, University of Florida</td>
<td>Associate Professor in Anthropology, Principal Investigator</td>
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<tr>
<td>12</td>
<td>Jessica Thorn</td>
<td>Alps, Switzerland / Taita Hills, Kenya</td>
<td>Europe/ Asia</td>
<td>Department of Ecosystem Science and Sustainability, Colorado State University</td>
<td>Postdoctoral research fellow</td>
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<tr>
<td>13</td>
<td>Cara Elizabeth Steger</td>
<td>Guassa Plateau, Ethiopia</td>
<td>Africa</td>
<td>Department of Ecosystem Science and Sustainability, Colorado State University</td>
<td>PhD candidate</td>
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<tr>
<td>14</td>
<td>Adrienne Grêt-Regamey</td>
<td>Alps, Switzerland</td>
<td>Europe</td>
<td>Planning Landscapes and Urban Systems, ETH Zurich</td>
<td>Professor</td>
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<tr>
<td>15</td>
<td>Marty Andries</td>
<td>Hindu-Kush Himalayas, Nepal / Luang Prabang Mountains, Thailand / Daba Mountains and Yungui Plateau, China</td>
<td>Asia</td>
<td>School of Human Evolution and Social Change, Arizona State University</td>
<td>Professor and Graduate Director</td>
</tr>
<tr>
<td>16</td>
<td>Edmund Mahbuye</td>
<td>Eastern Arc Mountains, Tanzania</td>
<td>Africa</td>
<td>Institute of Resource Assessment, University of Dar es Salaam</td>
<td>Director</td>
</tr>
<tr>
<td>17</td>
<td>Christopher Liam Cosgrove</td>
<td>Wrangell St Elias Mountain Range, Alaska, USA</td>
<td>North America</td>
<td>Mountain Hydro-climatology Group, Oregon State University</td>
<td>PhD Candidate</td>
</tr>
<tr>
<td>18</td>
<td>Bryan Mark</td>
<td>Tropical Andes, Peru</td>
<td>North America</td>
<td>Geography and Byrd Polar and Climate Research Centre, Ohio State University</td>
<td>Professor</td>
</tr>
<tr>
<td>19</td>
<td>Tom Spies</td>
<td>Cascades and Coast Range, Oregon, USA</td>
<td>North America</td>
<td>USDA Forest Service/Oregon State University</td>
<td>Senior Scientist/Courtesy Faculty</td>
</tr>
<tr>
<td>20</td>
<td>Dave Conklin</td>
<td>Cascades, Oregon, USA</td>
<td>North America</td>
<td>Freshwater Simulations, Conklin Biology Institute, Oregon State University</td>
<td>Consultant</td>
</tr>
<tr>
<td>21</td>
<td>Anne Nolin</td>
<td>Cascades, Oregon, USA</td>
<td>North America</td>
<td>College of Earth, Ocean, and Atmospheric Sciences, Oregon State University</td>
<td>Professor, Principal Investigator</td>
</tr>
<tr>
<td>22</td>
<td>Thea Weiss Hayes</td>
<td>Cascades, Oregon, USA</td>
<td>North America</td>
<td>Portland Public Schools</td>
<td>Retired Science Teacher (Plus Health, Math, Reading, Social Studies, Electives)</td>
</tr>
<tr>
<td>23</td>
<td>Jamie Rumage</td>
<td>Cascades, Oregon, USA</td>
<td>North America</td>
<td>Oregon Department of Education</td>
<td>Science Education Specialist</td>
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</tbody>
</table>