Cross-Chapter Paper 7: Tropical Forests
Supplementary Material

Cross-Chapter Paper Leads: Jean Pierre Ometto (Brazil), Felix Kanungwe Kalaba (Zambia)

Cross-Chapter Paper Authors: Gusti Zakaria Anshari (Indonesia), Noemi Chacón (Venezuela), Aidan Farrell (Trinidad and Tobago/Ireland), Sharina Abdul Halim (Malaysia), Henry Neufeldt (Denmark/Germany), Raman Sukumar (India).

Cross-Chapter Paper Contributing Authors: Christa Anderson (USA), Craig Beatty (United States of America/Canada), Nirmal Bhagabati (USA), Ana Felicien (Venezuela), Gabrielle Kissinger (Canada), David M. Lapola (Brazil), Felipe S. Pacheco (Brazil), Pablo Pacheco (USA/Bolivia), Sandeep Pulla (India), Yong Yut Trisurat (Thailand)

Cross-Chapter Paper Review Editor: Avelino Gumersindo Suarez Rodriguez (Cuba)

Date of Draft: 1 October 2021

Notes: TSU Compiled Version

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Table SMCCP7.1: The Food and Agriculture Organization (FAO) Global Ecological Zone for 2010

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<thead>
<tr>
<th>EZ Level 1 – Domain</th>
<th>EZ Level 2 – Global Ecological Zone</th>
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<tbody>
<tr>
<td>Name</td>
<td>Criteria (Equivalent to Köppen–Trewartha Climatic groups)</td>
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<tr>
<td>Tropical</td>
<td>All months without frost; in marine areas over 18°C</td>
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SMCCP7.1 Details on the Table CCP7.2 Elaboration

1) The data reported are based on information available in FRA 2020 (https://data.fao.org/WO/fra2020/home/).

2) According to FRA 2020, the Net Loss rate was calculated as the difference in forest area between two points in time divided by the number of years (this is equivalent to the net change rate, all calculations made here were negative, indicating forest loss. To facilitate trend analysis, the negative sign was omitted and the column was called "net loss rate" instead of "net change rate"). Reforestation is the natural regeneration or restoration of the forest through planting or deliberate seeding on land that is already in forest use; Expansion refers to forest expansion on lands that, until that moment, were under another land use, implies a transformation in land use from non-forest to forest.

3) For the estimation of tropical forests rates, the climatic domain classification by country used by FAO and summarized by Keenan (2015) was used.

4) From the set of available data, those tropical countries for which information was available were selected.

5) A total of 141 tropical countries were selected: Africa: Benin, Botswana, Burkina Faso, Burundi, Cameroon, Cape Verde, Central African Republic, Chad, Comoros, Congo, Democratic Republic of the Congo, Côte d’Ivoire, Djibouti, Egypt, Equatorial Guinea, Eritrea, Ethiopia, Gabon, Gambia, Ghana, Guinea, Guinea-Bissau, Kenya, Liberia, Libyan, Madagascar, Malawi, Mali, Mauritania, Mauritius, Mayotte, Mozambique, Namibia, Niger, Nigeria, Reunion, Rwanda, Sao Tome and Principe, Senegal, Seychelles, Sierra Leone, Somalia, South Africa, South Sudan, Sudan, Tanzania (United Republic of), Togo, Uganda, Western Sahara, Zambia, Zimbabwe; Asia and Oceania: American Samoa, Bangladesh, Bhutan, Brunei Darussalam, Cambodia, Cook Islands, Fiji, French Polynesia, Guam, India, Indonesia, Kiribati, Lao People’s Democratic Republic, Malaysia, Maldives, Marshall Islands, Micronesia (Federated States of), Myanmar, Nauru, New Caledonia, Nine, Northern Mariana Islands, Oman, Palau, Papua New Guinea, Philippines, Pitcairn, Samoa, Saudi Arabia, Singapore, Solomon Islands, Sri Lanka, Thailand, Timor-Leste, Tokelau, Tonga, Tuvalu, United Arab Emirates, Vanuatu, Viet Nam, Wallis and Futuna Islands, Yemen; Central America and Caribbean: Anguilla, Antigua and Barbuda, Aruba, Bahamas, Barbados, Belize, Bermuda, Bonaire, Sint Eustatius and Saba, British Virgin Islands, Cayman Islands, Costa Rica, Cuba, Curaçao, Dominican Republic, El Salvador, Grenada, Guadeloupe, Guatemala, Haiti, Honduras, Jamaica, Martinique, Montserrat, Netherlands Antilles, Nicaragua, Panama, Puerto Rico, Saint Barthélemy, Saint Kitts and Nevis, Saint Lucia, Saint Vincent and the Grenadines, Trinidad and Tobago, Turks and Caicos Islands, Virgin Islands(US); South America: Bolivia, Brazil, Colombia, Ecuador, French Guiana, Guyana, Paraguay, Peru, Suriname, Uruguay, Venezuela.

SMCCP7.2 Countries by Continent and References Included in the Figure Box CCP7.1.1
Countries included by continent:


Asia: Bangladesh, India, Nepal, Vietnam, Indonesia, Timor-Leste and Philippines.

Latin America: Ecuador, Mexico, Peru, Venezuela, Brazil and Guyana.

References: Ahmed and Atiqul Haq (2017); Akhter et al. (2013); Alamgir et al. (2014); Buffle et al. (2011); Diamond and Ansharyani (2018); Ellis et al. (2015); Galacgac and Balisacan (2009); Gyampoh et al. (2009); Hiwasaki et al. (2015); Kodirekkala (2018); Mistry et al. (2016); Pandey et al. (2016); Pulhin et al. (2017); Pulhin et al. (2017); Rahman and Alam (2016); Simane and Zaitchik (2014); Speranza et al. (2010); Torres et al. (2015); Uddin et al. (2019); Van Vleet et al. (2016); Zavaleta et al. (2018); (FAO 2020).
References


