Global Forest Resources Assessment (FRA)

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FRA Team Leader

Second (27th) meeting of the UNECE/FAO Team of Specialists on monitoring sustainable forest management, Vienna 22 Nov 2018
History and Mandate

Led by the Forestry Department of FAO

11 global Assessments, the first published in 1948

FAO’s Constitution

The Organization shall collect, analyse, interpret and disseminate information relating to nutrition, food and agriculture. In this Constitution, the term ‘agriculture’ and its derivatives include fisheries, marine products, forestry and primary forestry products. (Article I, Functions of the Organization, paragraph 1)
The assessment is based on two primary sources of data:

- **COUNTRY REPORTS** prepared by the National Correspondents officially nominated by the countries;

- **REMOTE SENSING** conducted together with national focal points and international partners, such as the Joint Research Centre of the European Commission (JRC).
Forest resources

FRA reports on many variables including:

- the extent of the world’s forest area;
- land tenure and access rights;
- sustainable forest management (SFM);
- legal and institutional frameworks for forest conservation and sustainable use;
- ... and more
Regional Partnerships for data collection

- Central African Forests Commission (COMIFAC/OFAC)
- FAO Forestry (FRA)
- FOREST EUROPE
- International Tropical Timber Organization (ITTO)
- Montréal Process
- UN Economic Commission for Europe (UNECE)
FRA Platform

For reporting, review, analysis and dissemination

- increase consistency
- reduce reporting burden
- improve quality
- transparency
### Extent of forest

#### Honduras

**National Data:** 3

**Anually Reported:** 0/5

#### Extent of forest values

<table>
<thead>
<tr>
<th></th>
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<th></th>
<th></th>
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<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Forest</td>
<td>900 561</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>... of which temporarily unstocked</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Other wooded land</td>
<td>30 533</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Other land</td>
<td>995 000</td>
<td></td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>

- **Possibility to add original national data**
- **Easy access to reporting tables**
- **Interpolation and extrapolation**
## Table 1.1b: Forest area by forest types

<table>
<thead>
<tr>
<th></th>
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<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Predominantly coniferous forest</td>
<td>350.00</td>
<td>283.00</td>
<td>272.07</td>
<td>261.13</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Predominantly broadleaved forest</td>
<td>306.00</td>
<td>339.00</td>
<td>359.78</td>
<td>380.57</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mixed forest</td>
<td>21.00</td>
<td>45.00</td>
<td>42.24</td>
<td>39.48</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

The table shows the forest area by forest types for different years (1990, 2000, 2005, 2010, 2015, and 2020). The data is presented in 1000 hectares (ha).
## Growing stock

### Table 1.2a: Growing stock

<table>
<thead>
<tr>
<th>Category</th>
<th>Year</th>
<th>Growing stock (million m³ o.b.)</th>
<th>... of which:</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>Coniferous</td>
<td>Broadleaved</td>
</tr>
<tr>
<td>Forest</td>
<td>2020</td>
<td>2 015.00</td>
<td>187.70</td>
<td>90.70</td>
</tr>
<tr>
<td></td>
<td>2010</td>
<td>2 010.00</td>
<td>178.50</td>
<td>87.40</td>
</tr>
<tr>
<td></td>
<td>2005</td>
<td>2 005.00</td>
<td>169.30</td>
<td>84.90</td>
</tr>
<tr>
<td></td>
<td>2000</td>
<td>2 000.00</td>
<td>157.40</td>
<td>80.60</td>
</tr>
<tr>
<td></td>
<td>1990</td>
<td>1 990.00</td>
<td>128.00</td>
<td>65.70</td>
</tr>
<tr>
<td></td>
<td>2015</td>
<td>2 015.00</td>
<td>170.06</td>
<td>88.18</td>
</tr>
<tr>
<td></td>
<td>2010</td>
<td>2 010.00</td>
<td>165.73</td>
<td>85.94</td>
</tr>
<tr>
<td></td>
<td>2005</td>
<td>2 005.00</td>
<td>160.40</td>
<td>83.26</td>
</tr>
<tr>
<td></td>
<td>2000</td>
<td>2 000.00</td>
<td>156.60</td>
<td>80.58</td>
</tr>
<tr>
<td></td>
<td>1990</td>
<td>1 990.00</td>
<td>126.70</td>
<td>65.70</td>
</tr>
</tbody>
</table>
Geospatial tools
Global Forest Resources Assessment 2020

Geospatial tools

Percentage of forest cover

- GlobLand 30, 2010: 19.83%
- Hansen 10%: 28.25%
- Global Land Cover 2009 (ESA): 11.89%
- AfriCover 2017 (ESA): -
- Forest/No Forest 2016 (Jaxa): 32.23%
- Level of agreement greater than 75%: 17.80%
Support to SDGs

Information provided by FRA will directly contribute to **measuring progress on the SDGs on forest-related indicators** under **Goal 15:**

*Sustainably manage forests, combat desertification, halt and reverse land degradation, halt biodiversity loss.*
FRA 2020 Process

Scoping
- Evaluation of FRA 2015
- Pilot global assessment of land cover and land use
- Request for Nomination of NCs and Alternates
- Draft FRA 2020 scope
- Task force FRA RS
- Develop database and online reporting system
- Expert Consultation June 2017

Data Collection
- Evaluation of potential countries for capacity dev
- Development of Questionnaire
- CFRQ collaboration
- Establish QA/QC
- Launch of FRA 2020 early 2018

Capacity Building and Analysis
- Capacity building
- Review of country reports and feedback to countries
- Preparation of Desk studies
- Validation of country reports
- Data analysis
- Preparation of report(s) and other dissemination material
- Develop/improve Web portal (continuous)

Publications and Outreach
- Main report, database, factsheets and infographics produced
- Thematic studies (Drylands, Mountains and water, Socio economic (employment, NWFP, woodfuel, etc.) produced
- Remote sensing products and reports produced

2016-2017
2017-2018
2018-2019
2019-2020

FRA support to the reporting of the SDGs
FRA 2020 launch
Technical meeting of National Correspondents and CFRQ Partners

5-9 March 2018
Toluca, Mexico
Global Forest Resources Assessment 2020

FRA 2020 reporting workshops

- Latin America: Panama, 12-14 June
- Caribbean: Barbados, August
- North America: Caucasus and Central Asia, Switzerland, 18-20 April
- Near East: Lebanon, September
- East and South East Asia: Japan, 25-29 June
- Pacific: 4-7 December
- Africa: French, Gabon, 4-6 Sept.
- Caucasus and Central Asia: 6 December
Where are we right now?, what's next?

- March to November 2018: Data collection
- Regional and sub regional capacity building workshops
- Review process
- Validation of Country reports in early 2019
- Data analysis and report writing
Thank you

• Website: http://www.fao.org/forest-resources-assessment/

• Twitter #GFRA