

An aerial photograph of a forested landscape, showing a river valley with a mix of green and brownish terrain. The text is overlaid on the image.

**Compiling a handbook  
on NWFP inventories:  
A project of FAO's  
Forestry Department**

by  
*Christoph Kleinn and Jenny Wong*

Paper at the BfN Workshop on NWFP Assessment 14-16.09.2006

# 1. The talk

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- Introduce FAO and its forestry and NWFP related programs in the Forest Products Division.
- Handbook on NWFP inventory

→ ... making you curious about that handbook!



# **FAO and the NWFP Programme**

Acknowledgement:  
FAO slides made available from  
Dr. Hikojiro Katsuhisa,  
Forest Products Division, FAO

# What is FAO?

- UN's largest specialized agency;
- 4000 people, half in Rome;
- Agriculture;
- Fisheries;
- Forestry (5%)



# FAO Mandate

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- Repository of data and information
- Concepts, definitions, standards
- Policy advice
- Technical assistance
- Neutral forum

## FAO Forestry Mission

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Enhance human well-being by helping member countries implement sustainable management of trees and forests.

# FAO Forestry Department

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- Divisions:
  - Forest resources (and management)
  - Forest policy
  - Forest products (and economics)
- Advance “Sustainable Forest Management” - SFM

# Forest Products and Economics

- Forest products information
- Appropriate utilization of forest products
- Forest harvesting and codes of practice
- Environmental impacts
- **Non-wood forest products**
- Wood-based energy
- Forest sector outlook studies
- Economic analysis



# What are non-wood forest products?

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NWFP consist of goods of biological origin other than wood, derived from forests, other wooded land and trees outside forests.  
(FAO definition)

# NWFP issues widely acknowledged

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- Lack of awareness, policy and regulatory instruments
- Lack of appropriate management prescriptions for most NWFPs, integrated with wood products or otherwise
- Concern for forest degradation and biodiversity
- Unclear rights and privileges on NWFPs by local communities
- Insufficient benefit shared by local producers
- Effectiveness of NWFP certification
- Weak institutional capacity in most developing countries
- ...
- Lack of quantitative information on production, consumption and trade
- Lack of resources inventory to support proper planning

# Key areas of the NWFP Programme

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- **Improving methodologies**
- **Supporting institutional capacity**
- **Strengthening global networking**
- **Promoting best practices**

## **Outputs 2006/07**

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- Analysis of global trade and outlook
- Market chain analysis and development
- Analysis of key NWFPs
- Analysis of key subjects
- Inventory guidelines
- Regular publications; Non Wood News, etc.

## **NWFP Publications**

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- NWFP series (No.1 - 17) and other working papers
- Non-Wood News x2/year
- NWFP Digest (E-Bulletin) monthly

## **On-going field projects**

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- Laos: “Marketing System Development for NWFP”
- PNG: “Eaglewood management”
- Central African sub-region (6 countries): “Enhancing food security through NWFP”

# Web page for FAO NWFP

**Non-Wood Forest Products - Microsoft Internet Explorer** United States-International

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites Media Print

Address <http://www.fao.org/forestry/foris/webview/forestry2/index.jsp?siteid=2301&siteid=6367&langid=1&geoid=0> Go Links

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Non-Wood Forest Products [www.fao.org/forestry/site/6366/en](http://www.fao.org/forestry/site/6366/en)

URL of this page: [www.fao.org/forestry/site/6367/en](http://www.fao.org/forestry/site/6367/en) | send by email

## NON-WOOD FOREST PRODUCTS

Established in 1991 in the Forest Products Division (now the Forest Products and Economics Division), the programme "Promotion and Development of Non-wood Forest Products (NWFP)" is one of the priority areas of FAO's Forestry Department. Our mission is to improve the sustainable utilization of NWFP in order to contribute to the wise management of the world's forests, to conserve their biodiversity, and to improve income-generation and food security.

The programme accomplishes this mission through four main areas of intervention:

- gathering, analysis and dissemination of information
- appraisal of NWFP socio-economic contribution to rural development
- networking
- technical assistance

For a summary on our programme [click here](#)

The programme ensures coordination within FAO in the [multidisciplinary dimensions](#) of NWFP development.

Beside the NWFP Programme, other technical units in FAO cover various aspects of NWFP promotion and development: among others, the [Forestry Policy and Information Division](#), the [Forest Products Trade Programme](#), the [Sustainable Management of Natural Forests Programme](#), and some units of the [Agriculture Department](#) and of the [Economic and Social Department](#).

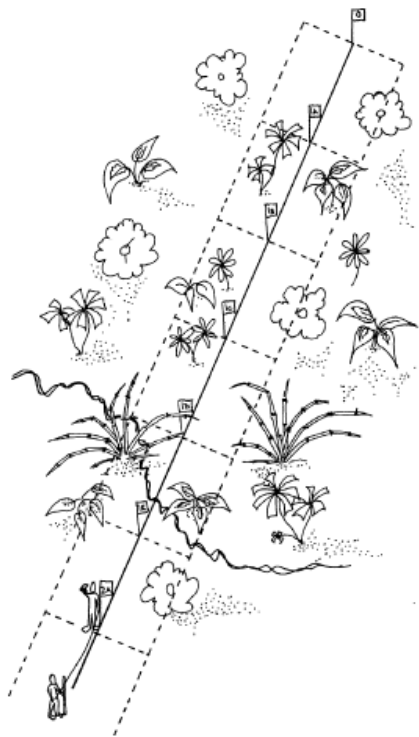
FAO - Forest Products and Economics Division For technical comments and suggestions on this

**About NWFP**

- What are NWFP?
- Activities
- Non-Wood News
  - Non-Wood News Index
    - NWN Index Volume 1
    - NWN Index Volume 2
  - NWFP Digest (e-bulletin)
- FAO Publications
  - NWFP Series
  - Regional Publications
  - Thematic Publications
  - FAO NWFP Presentations
  - Ongoing studies
- NWFP Bibliography
- Readers' Research
- Search
- Other NWFP Links
- XII World Forestry Congress Side Event on NWFP
- Country Info
  - FAO NWFP Country Profiles
  - Other Information
- Who's who in NWFP
  - At FAO
  - In the world

# Guidelines for NWFP assessment

FAO NWFP Series XX  
**Non-wood forest products:  
Resource Assessment  
Guidelines**



## Goals and scope:

- Compilation of relevant sampling techniques – for cases where such field sampling on statistical grounds is appropriate (!);
- Not meant to replace textbooks;
- Practically oriented.

## → Guidelines

– but no panacea nor a grimoire.

## Hypothesis:

There is no general nor simple solution to NWFP inventory ...

# Outline of contents

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## **Non-wood forest products: Resource Assessment Guidelines**

Senior author: Dr. Jenny Wong  
Various contributors

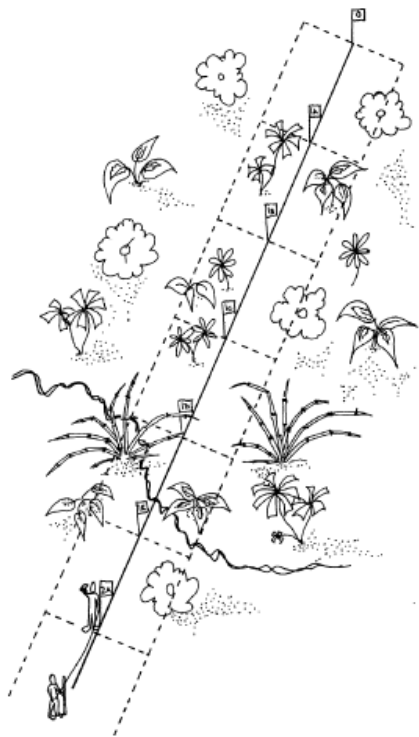
- A Introduction to the Guidelines
- B Introduction to sampling and inventory
- C Designing and using an inventory
- D Technical information and resources
- E Calculation sheets for manual calculations
- F Case studies.

# Case studies on NWFP information provision

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- 1: Training database utilising **Malawi edible fungi** data
- 2: Large area inventory of **Guadua Bamboo** in **Colombia**
- 3: **Bark** volume models for some tree species in **Southern Africa**
- 4: Productivity trial for the Pacific **golden chanterelle**- a case study from northern Vancouver Island, **Canada**
- 5: Commercial **bamboo** plantations in **Costa Rica**: a reconnaissance survey.
- 6: Assessment of **High Altitude Medicinal and Aromatic Plants (MAPs)** in **Nepal**.
- 7: **Cork** inventory in **Portugal**.
- 8: Annual forecast and inventory system of **wild berry** yields in **Finland**.
- 9: A survey of **matsutake mushroom** - a case study from Yunnan, southwest **China**.
- 10: An inventory of **Rattan**.

FAO NWFP Series XX  
Non-wood forest  
products:  
Resource Assessment  
Guidelines



**Suggestions and  
observations on the  
handbook are very  
welcome!**

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Thanks!

