XXIII IUFRO World Congress, Seoul, Republic of Korea

Session H-03 Global comparative analysis of local income from forests

Forests, poverty & rural economic development in Guangxi, China

25th – August - 2010

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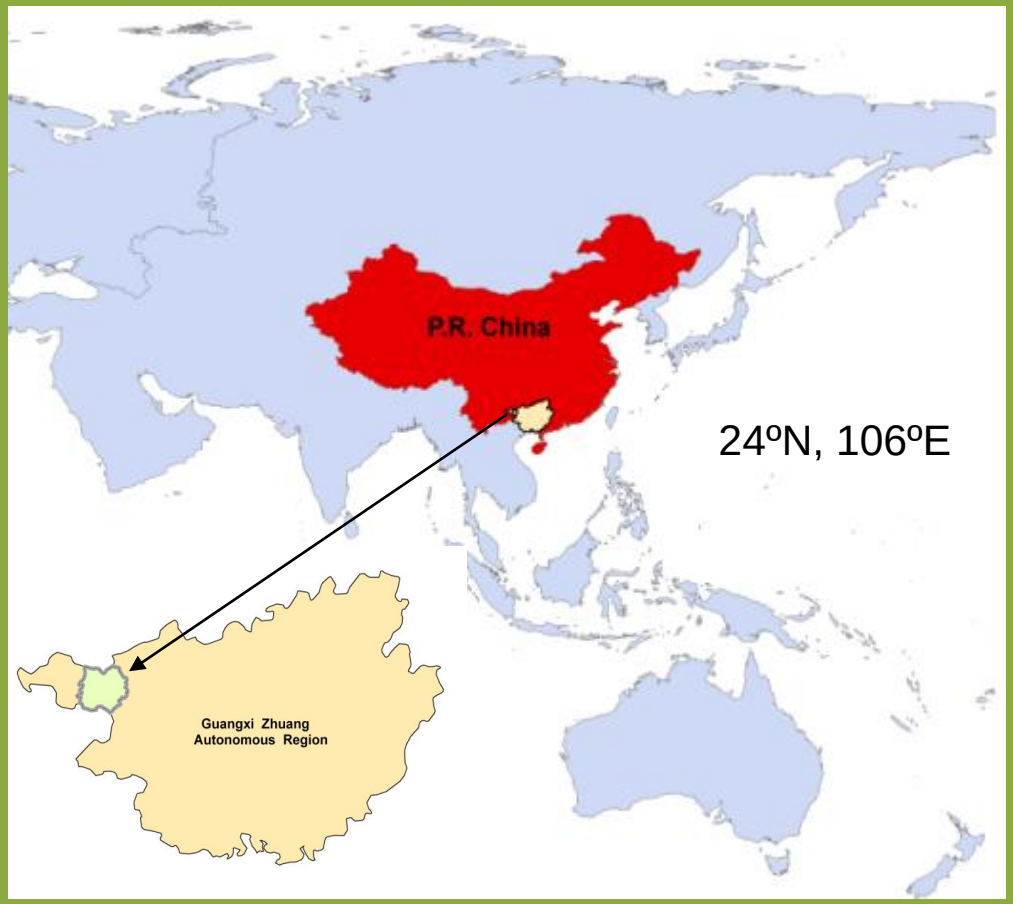
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SCHOOL FOR ENVIRONMENTAL RESEARCH

CIFOR Poverty and Environment Network

Charles Darwin UNIVERSITY

Study area – Tianlin County



Climate:
Subtropical-monsoonal
rainfall ~1400mm

Topography:
Low mountains (345 – 863m alt.)
Narrow river valleys

Land-use

~80% forest cover, ~17% agricultural land








The people









62% Zhuang, 26% Han & 12% Yao

Economy

agriculture, forestry, light-industry, mining, hydroelectricity









Research questions

What is the contribution of forest income towards household & village level economies?

What is the ratio of cash vs subsistence in forest & environmental income?

What is the absolute & relative contribution of forest income to household & village-level economies for different income quintiles?

What are the most important forest products?

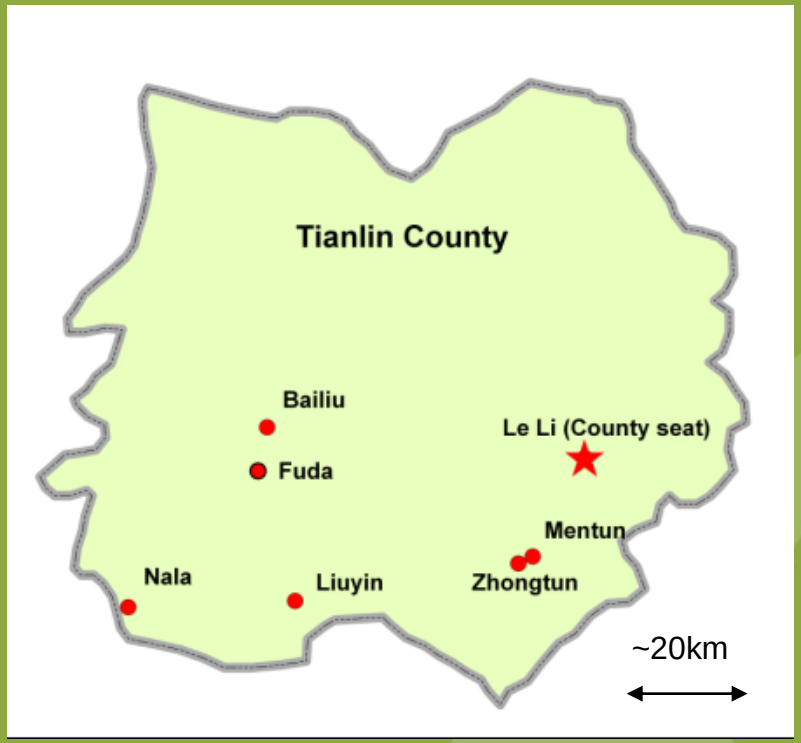
Do forest products serve as seasonal gap-fillers?

How do government policies affect forest use and livelihoods?

Field-work & sampling plan

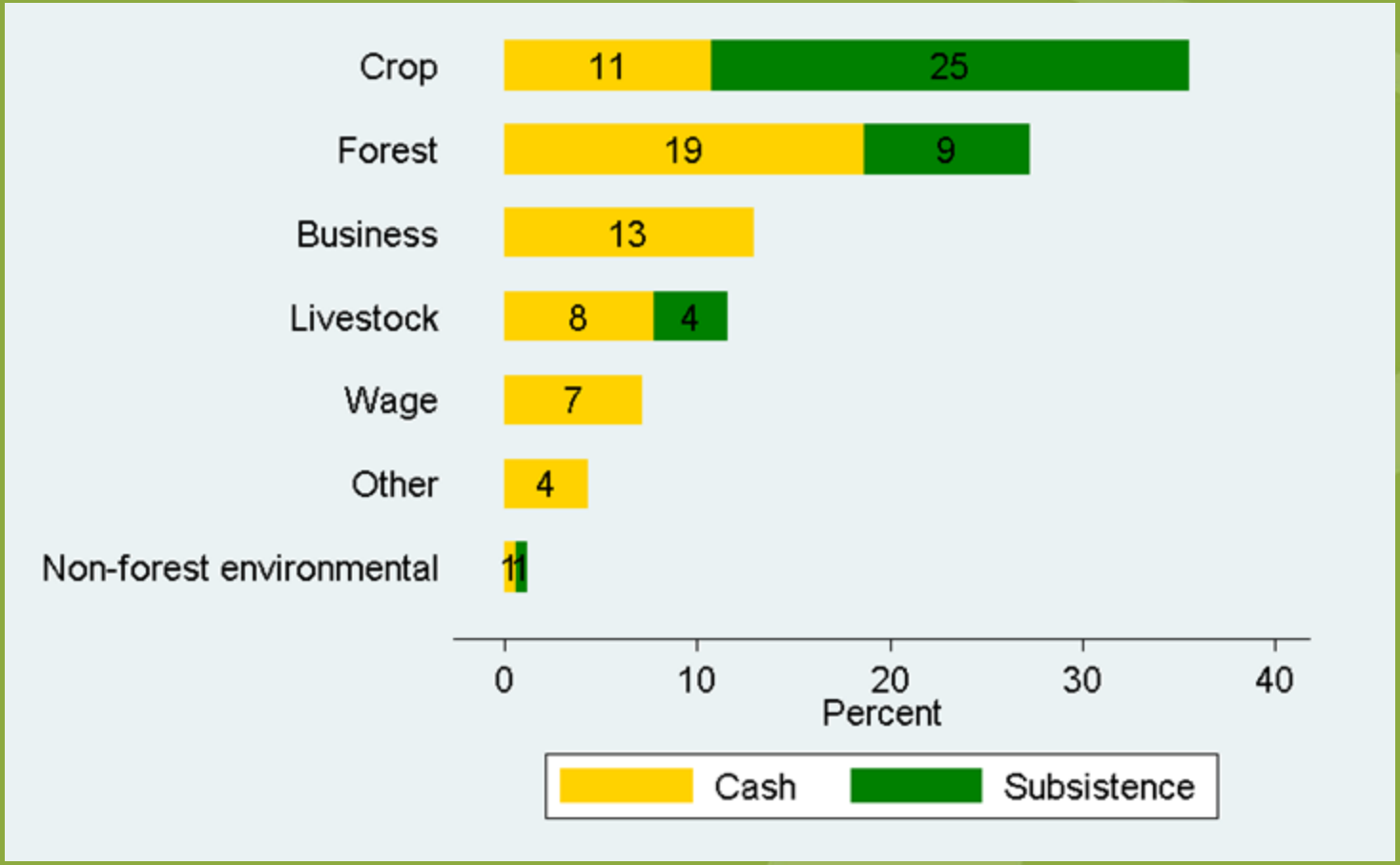
- **Data collection completed end of 2007**
- **240 households, 6 administrative villages, 3 townships**



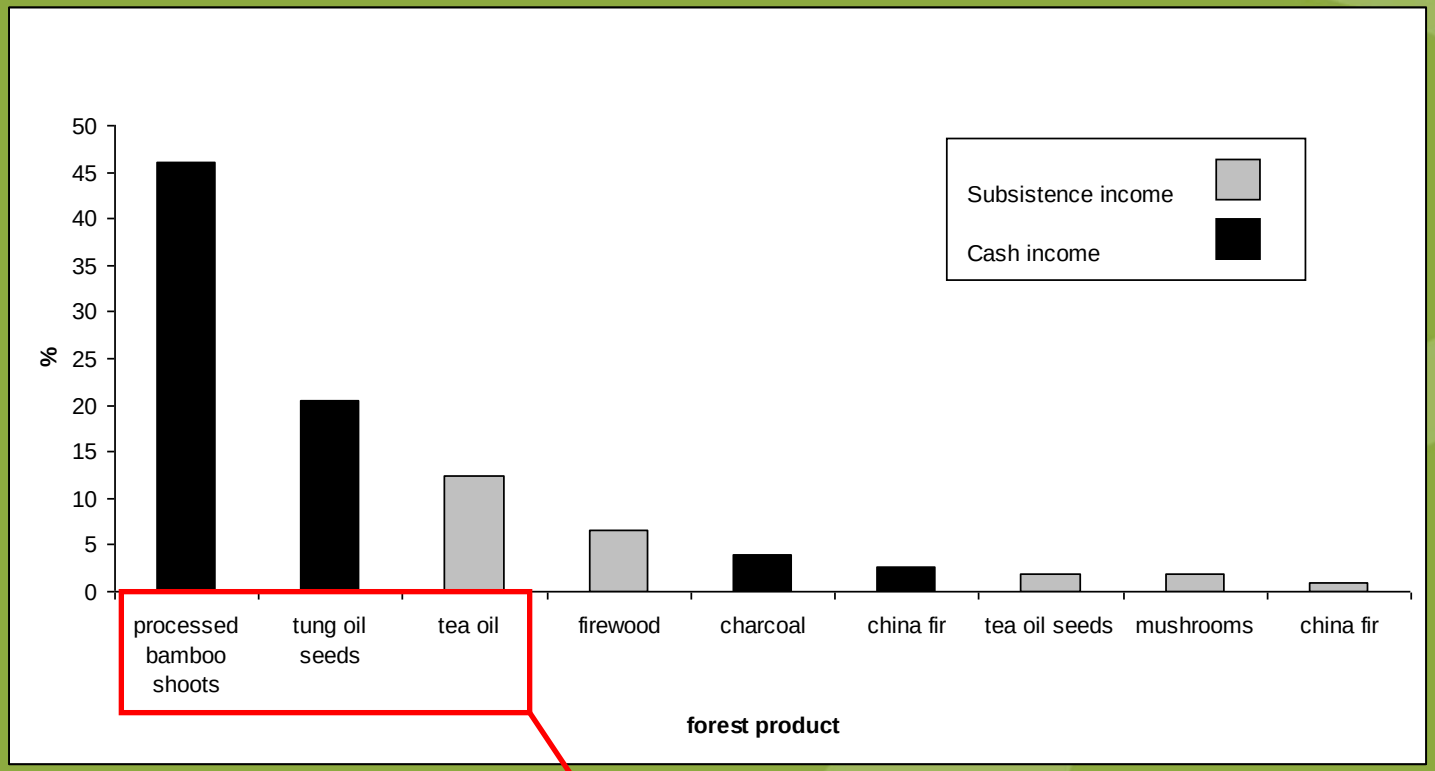




RESULTS: Income shares by source



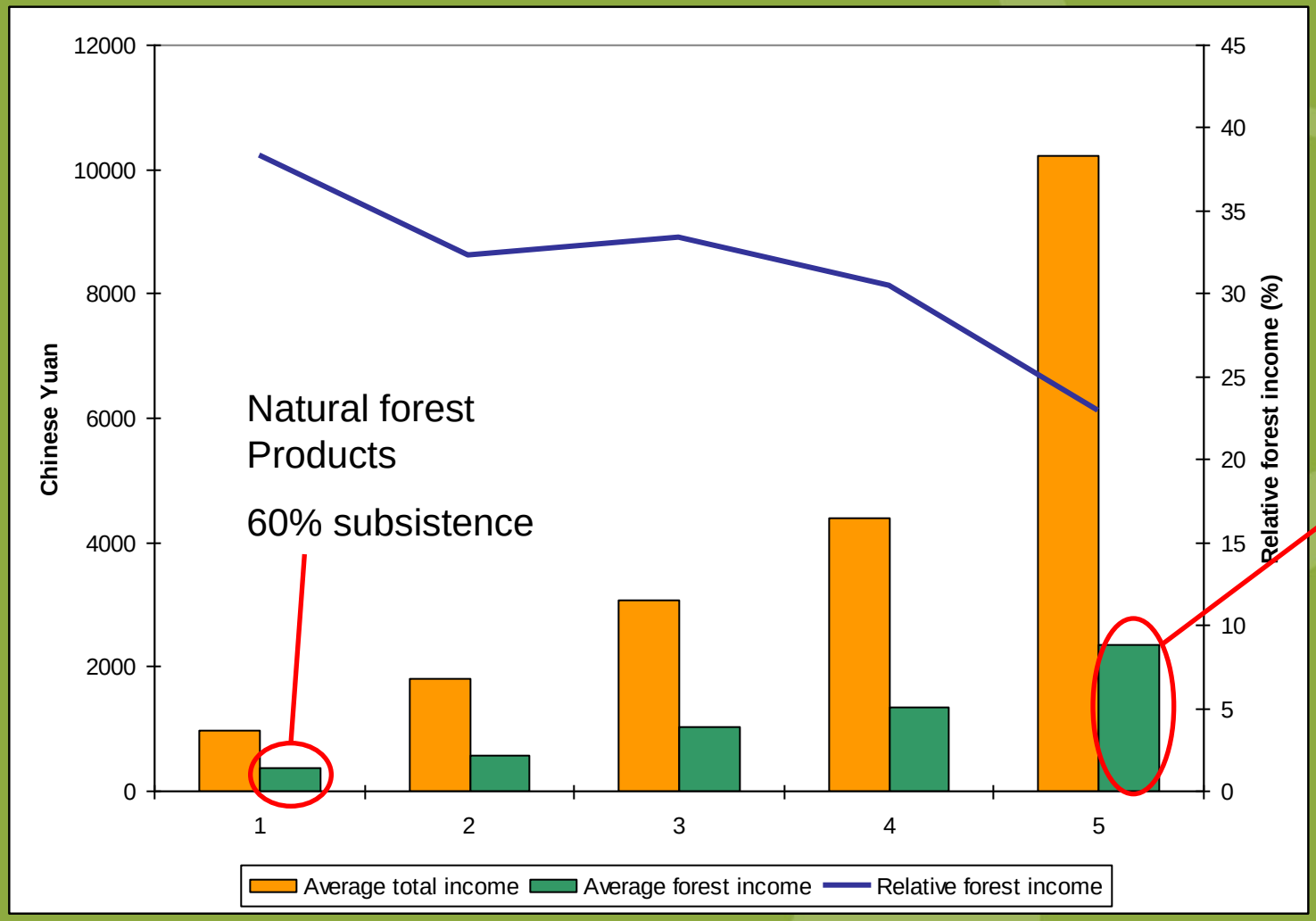
Cultivated NTFP's are the dominant forest products



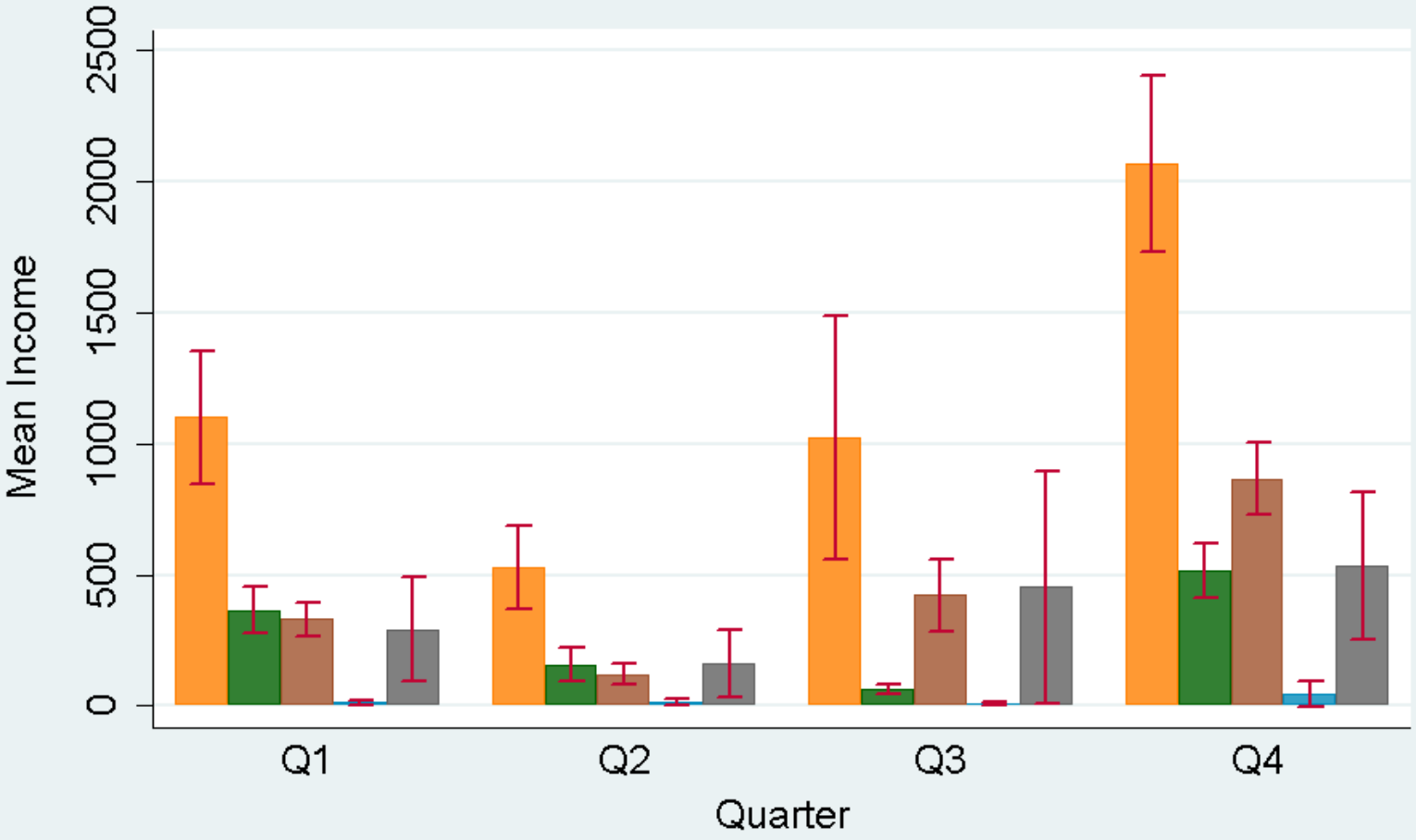
Absolute value of direct and derived forest products summed for all villages

Definitions?

Absolute and relative forest income



Seasonality



Main findings

Forest-related income is very important (28%)

Forest-cash income most important

Environmental and subsistence income is undervalued

Low income households most dependent

Cultivated NTFPs most important

Forest products not seasonal gap filler

Some discussion

Forestry and agriculture income are dominant

Cultivated NTFPs dominant; income from natural forest is low - Influence of policies

Would it be effective to invest in forestry as a way to improve livelihoods in the study area?

Acknowledgements

Thank you,
any questions?

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