

## **BESTTuna PhD position 5b**

### **PhD position on bio-economic modelling of financial incentives for tuna fisheries management**

#### **We are looking for**

We are inviting applications for a PhD student on bio-economic modelling of financial incentives for tuna fisheries management in the Indonesian EEZ. You will conduct independent research on if and how market-based policy instruments improve tuna management. You will first develop a bio-economic model of the multi-species and multi-fleet tuna fishery in the Indonesian EEZ, with a possible extension to the Western Pacific. You will then analyse whether market-based instruments, such as certification and (transferrable) effort schemes, can achieve a sustainable, efficient, and equitable tuna fishery in the study regions. The research takes place under the BESTTuna program; attached to Environmental and Natural Resource Economics group (ENR), the Aquaculture and Fisheries group (AFI) and in partnership with the Faculty of Fisheries and Marine Science at Bogor University (Indonesia).

BESTTuna is a major research programme funded by the Interdisciplinary Research and Education Fund (INREF) that supports cooperative research between research groups at Wageningen University (The Netherlands), Bogor University (Indonesia), The University of the Philippines, the University of the South Pacific (Fiji) and the WWF-Coral Triangle Initiative. The objective of BESTTuna is to study the design of effective and equitable state and market-based governance arrangements to achieve sustainable trans-boundary tuna management in the Coral Triangle and Western Pacific. As an interdisciplinary programme emphasis is given to social, political, economic and ecological dimensions.

A substantial amount of work will be carried out in Wageningen but also in Indonesia based at Bogor University (IPB).

#### **We ask**

- A Masters degree in economics, marine ecology, fisheries management or related fields with sufficient mathematical and modelling skills
- Knowledge of economics and ecology
- Some knowledge of, or experience with, fisheries management
- Capacity to carry out independent fieldwork in an international setting
- A collaborative and team oriented attitude, with an open mind for other scientific approaches
- A strong ambition to upgrade knowledge and academic skills
- Preferably a scientific publication record
- The position is open for citizens of Pacific nations but with preference of Indonesia

#### **We require**

Wageningen University has the following admission criteria for PhD students: English proficiency of 6.5 for IELTS, with a minimum of 6.0 for each academic module. You also need an acceptance of the candidate by the supervisors and the

equivalent of a Dutch MSc degree. For further information on the specific application criteria see:

<http://www.wageningenuniversity.nl/UK/informationfor/PhD+programmes/Application/>

### **We offer**

The 4-years PhD study will be developed according to a sandwich formula, with a maximum of 28 months of field work in Indonesia, and a minimum of 20 months data analysis, writing and training in Wageningen, the Netherlands.

The candidate will be employed by Bogor University for the duration of the study. For a period of 24 months an allowance is available in accordance with the Dutch fellowship program to cover additional costs of living and accommodation in the Netherlands of €1190 per month. Furthermore the PhD candidate will receive a settling in allowance, a book allowance and a health- and third party insurance during the months spent in Wageningen and international travel costs and the costs for visa for the Netherlands will be paid for.

### **To apply**

Send your application, a covering letter with your motivation and a CV, before the 1<sup>st</sup> of March 2012 to Simon Bush by email ([simon.bush@wur.nl](mailto:simon.bush@wur.nl)). **Please indicate the number of the BESTTuna PhD position you are applying for clearly in your cover letter.**

### **Additional information**

See [www.besttuna.wur.nl](http://www.besttuna.wur.nl) or contact Paul Van Zwieten ([paul.vanzwieten@wur.nl](mailto:paul.vanzwieten@wur.nl)), Rolf Groeneveld ([rolf.groeneveld@wur.nl](mailto:rolf.groeneveld@wur.nl)) or Budy Wiryawan ([bud@psp-ipb.org](mailto:bud@psp-ipb.org))