

PhD Scholarship in the Modelling of Sustainable Marine Fisheries

A 3-year APAI PhD scholarship in economics or in bioeconomic/environmental/complex systems modelling, funded by the Australian Research Council (ARC), is available in early 2005, or sooner. The scholarship will fund a Ph.D student to be a member of a team investigating “Sustaining Australia’s Marine Fisheries: Modelling and Managing Highly Migratory Fish Stocks of the Indian and Western and Central Pacific Oceans”.

The successful candidate will work with an interdisciplinary research team (including economists, policy analysts, fisheries scientists, environmental modellers) to help model the ecological and economic systems of tuna and billfish in the Pacific and Indian Oceans. The models developed by the team will be used to adaptively manage highly migratory fish stocks.

The industry partner is the Bureau of Rural Sciences (BRS), an independent science bureau within the Australian Government Department of Agriculture, Fisheries and Forestry (DAFF). The BRS provides advice in a range of areas, including fisheries, and seeks to ensure the management of marine resources is based on the best scientific information available.

The successful candidate will be a Ph.D student at the Australian National University (ANU) which was recently ranked in the world’s top 50 universities. The research will be conducted under the guidance of Professor R. Quentin Grafton (for further details see <http://apseg.anu.edu.au/staff/qgrafton.php>) at the Asia Pacific School of Economics and Government (APSEG) at the ANU and Dr. John Kalish at the BRS. The scholarship includes a tax-free stipend of \$23,556/year, with another \$6,500/year available for travel, other research expenses or stipend top-up.

The successful candidate is expected to have a good honours degree in economics, the life sciences, or in another suitable area. Experience in economic, bioeconomic or environmental modelling and an interest complex systems or fisheries would also be an advantage. All **Australian citizens, Australian permanent residents and New Zealand citizens** are eligible to apply.

For further information, phone (02) 6125 6558 or email quentin.grafton@anu.edu.au. A detailed CV and an expression of interest should be forwarded via email to Quentin Grafton by the closing date, **5 November 2004**.