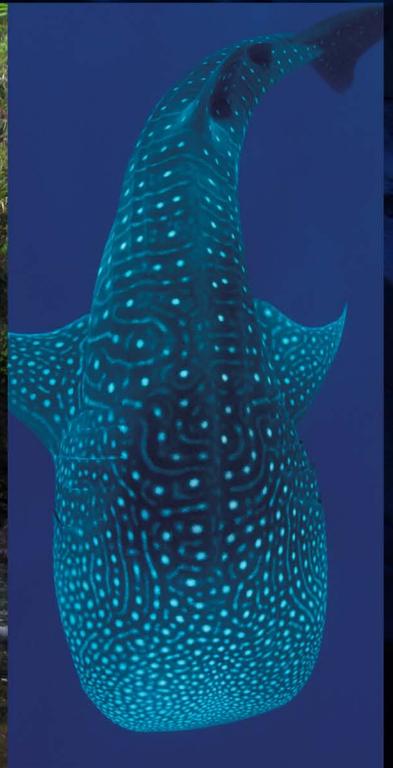
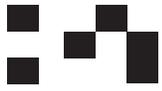


PES: Sustainable Financing for Conservation and Development

Proceedings from the National Conference-Workshop on Payments
for Environmental Services: Direct Incentives for Biodiversity Conservation
and Poverty Alleviation, Manila, March 1-2, 2005



Jose E. Padilla - Edgardo E. Tongson - Rodel D. Lasco



PES: Sustainable Financing for Conservation and Development

Proceedings from the National Conference-Workshop on Payments for Environmental Services: Direct Incentives for Biodiversity Conservation and Poverty Alleviation, Manila, March 1-2, 2005



PES: Sustainable Financing for Conservation and Development

Proceedings from the National Conference-Workshop on Payments for Environmental Services:
Direct Incentives for Biodiversity Conservation and Poverty Alleviation, Manila, March 1-2, 2005

Printed in Manila, Philippines

Citation:

Padilla, J. E., E. E. Tongson, R.D. Lasco, (eds.). 2005. PES: Sustainable Financing for Conservation and Development: Proceedings from the National Conference - Workshop on Payments for Environmental Services: Direct Incentives for Biodiversity Conservation and Poverty Alleviation, Manila, March 1-2, 2005, WWF, ICRAF, REECS, UP-CIDS, UPLB-ENFOR, CARE. 279 pp.

The opinions expressed herein are those of the authors and do not necessarily reflect the views of the various organizations. This publication may be reproduced or quoted in other publications as long as proper reference is made to the source.

Cover : Philippine Eagle (Lory Tan); Whale Shark (Jürgen Freund)

ISBN number: 971-93019-9-6



TABLE OF CONTENTS

Acknowledgements	4
Part 1: Workshop Summary	5
Conference - Workshop Report, J.E. Padilla, M. E. C. Bennagen, E. Tongson, R. Lasco, M. Tolosa	6
Part 2: Papers Presented	23
The What, The How, The Why, and the Where of Environmental Service Payments, H.A. Francisco	24
Water and a Payment System for Environmental Services, G. Bautista	34
Opportunities and Challenges in Environmental Service Payments: Carbon Sequestration, D. Lasco	50
Payments for Landscape and Seascape Beauty, E. Tongson	62
RUPES, A Step Forward, B. Leimona	74
Legal, Policy and Institutional Framework for Payments for Environmental Services in the Philippines: Opportunities and Challenges in the Forestry Sector, R. Boquiren	88
Environmental Service Payments for the Maasin Watershed: A Case Study, J. Salas	103
Natural Products Research and Bioprospecting, J. Cruz	116
Potential Carbon Sequestration in the Philippines, R. Lasco	126
Payments for Seascape Beauty: The Case of Tubbataha Reef National Marine Park, E. Tongson	133
Asian Conservation Company and Investment in Ten Knots Group/ El Nido Resorts, L.Perez	144
Introduction to the Clean Development Mechanism, A. Ramos	151
Part 3: Papers Circulated	159
Designing Payments for Watershed Protection Services Programs: The REECS/PREM Experience, E. Bennagen	160
Abstracts, Case Briefs and Annotated References, J.E. Padilla	171
List of Participants	256
Program	270
About the Authors	273
Acronyms and Abbreviations	276

ACKNOWLEDGEMENTS

This publication is based on the proceedings of the National Conference-Workshop on Payments for Environmental Services (PES): Direct Incentives for Biodiversity Conservation and Poverty Alleviation held at Traders Hotel, Manila on March 1-2, 2005. The contributions to this publication are a compilation of updated, revised and edited papers presented at the Conference-Workshop.

This publication would not have been possible without the cooperation and support of key donors, institutions and individuals involved and concerned about the development of markets for environmental services. The editors would like to thank the authors for their valuable contributions and WWF- Philippines and ICRAF (The World Agroforestry Center) for leading the organization of the conference-workshop, facilitation of the publication and support for the editors and authors.

The editors also thank the Resources, Environment and Economics Center for Studies Inc. (REECS), University of the Philippines - Center for Integrated Development Studies (UP-CIDS), Environmental Forestry Programme of the College of Forestry and Natural Resources, UPLB (ENFOR) and Cooperative for Assistance and Relief Everywhere (CARE - Philippines) for providing human resources and other in-kind support for the conference-workshop and the development of this publication.

The editors also acknowledge the valuable contributions of Pierre Palallos for graphics, artwork and layout supervision, Elizabeth Uhlhorn for proofreading and Paul Manalo for editing.

Finally, the editors acknowledge the generous financial support by WWF-UK, WWF-US, SII-The Netherlands and International Fund for Agricultural Development (IFAD) through Rewarding the Upland Poor for Environmental Services (RUPES) Program.
