

Name: Jeffrey A. McNeely

Contact: jam@iucn.org

Date of Birth: 30 May 1944

Nationality: U.S. Citizen

Education: B.A. Anthropology, University of California, Los Angeles (1967);  
1 year of graduate school, U.C.L.A.

Languages: English (mother tongue)  
Thai, Indonesian, French.

**Areas of Expertise:** Biodiversity; Sustainable Agriculture; Mammals of Asia; Protected Areas; Invasive Species; Renewable Energy. Author or editor of some forty books and over 500 scientific and popular articles.

**Previous work with ADB:** Organizer, Regional Conference on Biodiversity Conservation, held at ADB on 6-8 June 1994. Preparation of an ADB book entitled **Mobilizing Broader Support for Asia's Biodiversity: How Civil Society can Contribute to Protected Area Management**. Several shorter assignments providing training to ADB staff or reviewing project reports. Participation in several ADB-organized conferences in Asia.

**Major research interests:** Human land use as it relates to the conservation of natural resources, particularly tropical forests, wildlife, and indigenous cultures; practical measures, including economic incentives, for conserving areas of outstanding importance for biodiversity; human impacts on the wildlife resources; mammals of Southeast Asia; integration of economic development with environmental conservation.

**Special Awards:** Order of the Golden Ark, December 1995; Honorary Life Membership of The Nature Conservancy, 2001; Distinguished Scholar, Crop Sciences Society of America, 2005.

#### **Professional Memberships:**

Member, Editorial Board of:

**Ambio; Biodiversity and Conservation; Ecological Economy; Encyclopaedia of Global Environmental Change; Ecology, Biodiversity and Conservation; Environmental Awareness; Environments: A Journal of Interdisciplinary Studies; International Journal of Agricultural Sustainability; International Journal of Ecology and Development; Integrative Zoology; Journal for Nature Conservation; Journal of the Relic Hominid Enquiry; Natural Resources Forum; Oryx; Sustainability Science - Practice and Policy.**

President, Asia Section, **Society for Conservation Biology** (2007 - )

Member, Technical Advisory Committee, **Equator Initiative** (2006-2007)  
Fellow, **World Academy of Art and Science** (2006 - )  
Councillor, **Society for Conservation Biology** (1994-2000)  
Chairman of the Board, **Ecoagriculture Partners** (2006 - )  
Member, Bureau of the **International Assessment of Agriculture Science and Technology for Development** (2006 - )  
Member, Advisory Board for the **Oxford Encyclopaedia of Biodiversity** (2000-2005)  
Member, External Advisory Group of the **Centre for Indigenous Knowledge for Agriculture and Rural Development** (CIKARD)  
Member, **FAO Working Party on Status and Trends of Fisheries** (1998-2003)  
Member, Advisory Board of the **Department of Environmental Economics and Environmental Management**, University of York (1998-2004)  
Member, Advisory Panel, **International Centre for Protected Landscapes**  
Member, **United Nations Millennium Project** (2000-2005)  
Member, **China Biodiversity Advisory Committee** (Chinese Academy of Sciences) (1996-1999)  
Member, Advisory Council to the **Asian Ecotechnology Network**  
Member, Advisory Board of **M.S. Swaminathan Research Foundation Technical Resource Centre**, Madras  
Member, International Advisory Board, **Korea Peace Bioreserves System Project**, Pennsylvania State University  
Member, **Interdisciplinary Committee of the World Cultural Council**  
Science Patron for **Earthwatch Europe**  
Member, Science Advisory Board, **Earthwatch Institute**  
Member, Steering Committee of the **Millennium Ecosystem Assessment Project** and MA Oversight Committee  
Member, Board of Trustees, **African Biodiversity Foundation**  
Member, Board of Trustees, **Foundation for Environmental Conservation**  
Member, Biodiversity Working Group of the **China Council for International Cooperation on Environment and Development** (CCICED) (2001-2005)  
IUCN Delegate to the **54th Session of the United Nations General Assembly**  
Member, Advisory Board, **International Biodiversity Observation Year**  
Member, **Multi-Stakeholder Initiative on Integrating Biodiversity Conservation into Oil and Gas Development** (2000-2006)  
Vice-Chair, Scientific Committee, **World Congress of Zoology**, Beijing (2002-2004)  
Member, Advisory Council, **Global Youth Network on Biodiversity**  
Member, **Task Force on Sustainable Agriculture and Food Production**, International Policy Council on Agricultural Food and Trade  
Member, **Sustainability Task Force of the International Food and Agricultural Trade Policy Council** (2002- )  
Member, Asia Section Board of Directors, **Society for Conservation Biology** (2003-2006)  
Member, Scientific Committee for **International Conference on Tourism, Cultural Diversity and Sustainable Development** (Barcelona, July 2004)  
Member, Technical Advisory Group on the **GEF Project on Invasive Species in the Galapagos**

Member, Advisory Board to the Joint Masters Programme on International Nature Conservation, **Göttingen University**, Germany, and **Lincoln University**, New Zealand. (beginning February 2004)

Nominator, **MacArthur Foundation Fellows Programme**.

Member, **Society of American Foresters** (2003-2004)

Member, Environment Sub-Committee, **Society for Petroleum Engineers**, Asia Pacific, Health, Safety and Environment Conference (2004-2005)

Member, Scientific and Technical Council of the **International Risk Governance Council** (2004-2007)

Member, Scientific Advisory Board, **Future of Life, Inc.** (2005-)

Member, **Global Taxonomy Initiative Coordination Mechanism** (2003- )

Member, Panel of Experts, **GreenFacts**

Member, Advisory Board on the **Smithsonian Institution's Biodiversity Science and Education Initiative**. (July 2005 - )

Member of **Scientific and Technical Ecological Knowledge Advisory Board (S-TEK) of the Conservation of Arctic Flora and Fauna Working Group of the Arctic Council (CAFF)** (September 2005 - ).

#### **Professional missions or fieldwork:**

Argentina, Australia, Austria, Bahamas, Belarus, Belgium, Bolivia, Brazil, Cambodia, Cameroon, Canada, China, Colombia, Costa Rica, Croatia, Czech Republic, Denmark, Dominican Republic, Ecuador, Egypt, France, Germany, Greece, India, Indonesia, Italy, Japan, Jordan, Kazakhstan, Kenya, Kuwait, Laos, Lebanon, Malaysia, Mexico, Myanmar, Nepal, Netherlands, New Zealand, Norway, Oman, Pakistan, Panama, Peru, Philippines, Poland, Portugal, Republic of Ireland, Russia, Saudi Arabia, Senegal, Serbia, Seychelles, South Africa, Spain, Sri Lanka, Sweden, Tanzania, Thailand, Tunisia, United Kingdom, USA, Vietnam, Venezuela, Yemen, Zambia, Zimbabwe.

#### **Employment Record:**

October 1995- present	IUCN-The World Conservation Union, Gland, Switzerland, Chief Scientist.
August 1988 - September 1995	IUCN, Chief Conservation Officer and Director, Biodiversity Programme.
April 1990 - March 1992	Secretary-General, IUCN IVth World Congress on National Parks and Protected Areas, 10-21 February 1992, in Caracas, Venezuela.
July 1987- July 1988	IUCN, Deputy Director General (Conservation).
July 1983- June 1987	IUCN, Director, Programme and Policy Division.
September 1980-	IUCN Commission on National Parks and Protected Areas (CNPPA),

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July 1983	Executive Officer.
1982	IUCN III World National Parks Congress, held in Bali, Indonesia, 11-22 October 1982, Deputy Secretary-General (Programme).
1977-1980	World Wildlife Fund/IUCN, Representative in Indonesia.
1970-1977	Association for the Conservation of Wildlife (ACW) in Thailand, Staff Mammalogist.
1975-1977	United Nations (ESCAP) and Mekong Committee, Thailand, Consultant in Conservation Ecology.
1976-1977	Chulalongkorn University Department of Veterinary Science, Thailand, Lecturer.
1972-1974	Arun Valley Wildlife Expedition, Nepal, Co-Leader and Expedition Mammalogist.
1968-1970	Thailand, Peace Corps Volunteer.
1962-1968	Los Angeles Zoo, various positions.

**Specific Assignments:**

October 1995 - Present	IUCN, Gland, Switzerland. Director of IUCN's Biodiversity Programme, as well as having overall responsibility for quality control of IUCN's scientific output. Served as co-chair of Task Force 6, on Environmental Sustainability, of the United Nations Millennium Project, and was a Coordinating Lead Author on the Millennium Ecosystem Assessment. Served as Co-Chair of 2005 Evaluation of GEF Support to the Cartagena Protocol on Biosafety, involving missions to three countries and review of 40 National Biosafety Frameworks. Represents IUCN on numerous international boards and committees, writing position papers, making public presentations (averaging about 25 per year), and representing IUCN at numerous events, including the Convention on Biological Diversity Conference of Parties. Advises numerous governments on conservation policy, with a particular focus on China.
August 1998 - September 1995	IUCN. Responsible for designing IUCN's conservation programme, advising the Union on conservation issues, establishing new initiatives in conservation and sustainable development, and ensuring the technical quality of the IUCN Secretariat. Responsible for input into the Global Biodiversity Strategy, the preparations for the United Nations Conference on Environment and Development, and IUCN's Protected Areas Programme. Provide main liaison on technical matters with FAO, UNESCO, UNEP, World Wildlife Fund, World Bank, and other international institutions. Member of the Organizing Committee for the World Commission on Dams.

- April 1990 -  
March 1992
- IUCN. Responsibilities included fund-raising (raised over US\$5 million), developing the Congress programme, developing the invitation list, managing the Secretariat, and other activities involved in organizing and managing at event involving some 2,000 international participants. The Congress led to the publication of 15 books on protected areas issues
- July 1987 -  
July 1988
- IUCN. Responsible for technical content of all work of IUCN, including national conservation strategies, conservation monitoring, environmental legislation, conservation science, and field activities in tropical forests, coastal and marine conservation, wetlands, and population and sustainable development. Provide main liaison on technical matters with FAO, UNESCO, UNEP, World Wildlife Fund, World Bank, and other international institutions.
- July 1983 -  
June 1987
- IUCN. Responsible for developing and overseeing the implementation of the substantive programme of IUCN, involving designing mechanisms for planning, review, implementation, and evaluation of the Union's activities; supervising 11 Ph.D.-level professional staff and 15 support staff, developing and presenting project proposals; and promoting the full involvement of all components of the Secretariat and the IUCN membership in the development, implementation, review and evaluation of the IUCN Programme.
- September 1980 -  
July 1983
- IUCN. Duties included servicing the 280-member CNPPA; organizing, editing, and preparing papers for CNPPA meetings; acting as the administrator of CNPPA's global protected area monitoring system; providing technical advice to UNESCO (especially to the World Heritage Committee and the MAB Programme), UNEP, FAO and other international organizations; serving on UNESCO's International Advisory Committee for the 1st International Biosphere Reserve Congress; carrying out technical missions to various countries; developing the IUCN programme on protected areas, including preparation of contracts, devising projects, etc.; editing the CNPPA **Members Newsletter**; serving on Editorial Advisory Board of **PARKS Magazine**; and coordinating IUCN's Protected Areas Programme.
- 1982
- IUCN. Duties included serving as Secretary to the Steering Committee; major responsibility for design of the programme, including commissioning of papers, editing of papers, and all other matters dealing with programme issues; co-editing of Congress Proceedings volume; and overall editorial advisor for the two other books resulting from the Congress, including **Managing Protected Areas in the Tropics** and **Managing Coastal**.
- 1977 - 1980
- Indonesia.** WWF/IUCN Representative in Indonesia, responsible for administering a US \$1.5 million conservation programme in support of Indonesia's efforts to develop an effective system of protected areas. Duties included planning, designing, and administering projects; developing new programmes in marine conservation and watershed protection (the latter in collaboration with the World Bank); editing **Conservation Indonesia**, the bi-monthly newsletter of the programme with a circulation of 2,500; visiting field projects to assess progress, problems, and needs; producing papers on various

international meetings; preparing speeches and publications to be presented by government officials, including the Minister of Environment, Director General of Forestry, and Director of Nature Conservation; and presenting numerous lectures on conservation to universities and training courses. During these 3 years in Indonesia, the total area protected more than tripled, staff assigned to conservation doubled, and government budget quadrupled. This was IUCN's first national programme

- 1970 - 1977 **Thailand.** Research Associate of Dr Boonsong Lekagul, Secretary General of ACW and Getty Prize winner in 1978. Duties included co-authoring **Mammals of Thailand**, the authoritative reference on the subject; co-editing **Conservation News of Southeast Asia** and **Conservation for Thai Youth**; research and publication on mammals of Thailand and a wide range of other conservation topics; fieldwork in many of the parks and reserves of Thailand; lecturing at various universities, training courses, and service organizations; and handling ACW international relations, including with IUCN and WWF.
- 1975 - 1977 **Thailand.** This involved four separate contracted tasks for the Committee for Coordination of Investigations of the Lower Mekong Basin, as part of water resources development: preparation of a major publication on **Agriculture in the Mekong Basin**, summarizing 20 years of agricultural research by the Mekong committee and relating this work to an overall land-use system of which parks and reserves are an essential element; and the preparation of a publication on wildlife and national parks in the lower Mekong Basin (Laos, Cambodia, Vietnam, and Thailand), including a comprehensive systems plan for parks and reserves.
- 1976 - 1977 **Thailand.** Teaching course on animal behaviour to upper division veterinary students.
- 1972 - 1974 **Nepal.** Two years in the Tibetan border region of eastern Nepal conducting research on distribution and ecology of mammals and their relation with local human cultures.
- 1968 - 1970 **Thailand.** Building school water systems in southern Thailand and working in community development with the Royal Thai Health Department.
- 1962 - 1968 **USA.** Various positions at Los Angeles Zoo, including Animal Keeper (a civil service position). 1967, President, Los Angeles Branch of American Association of Zookeepers.

## BOOKS

1. Sachs, Jeffrey D. *et al.*, including J. McNeely, 2005. **Investing in Development: A Practical Plan to Achieve the Millennium Development Goals.** UNDP, New York.

2. Kakabadse, Yolanda, Jeffrey A. McNeely, and Don Melnick, Guido Schmidt-Traub, Robin Sears. 2005. **Environment and Human Well-being: A Practical Strategy**. United Nations Millennium Project, New York.
3. Melnick, Don, J.A. McNeely, Yolanda Kakabadse, Guido Sschmidt-Traub, Robin Sears. 2005. **Environment and Human Well-Being: A Practical Strategy**. Earthscan, London.
4. Mainka, Sue, J.A. McNeely and B. Jackson. 2005. **Depend on Nature: Ecosystem Services Supporting Human Livelihoods**. IUCN, Gland, Switzerland.
5. McNeely, Jeffrey A. 2005. **Millennium Ecosystem Assessment. 2005. Ecosystem and Human Well-being: Biodiversity Synthesis**. World Resources Institute, Washington, D.C. (one of eighteen authors).
6. H.A. Mooney, R.N. Mack, J.A. McNeely, L.E. Neville, P.J. Schei, J.K. Waage. 2005. **Invasive Alien Species: A New Synthesis**. Island Press, USA.
7. Van Liere, Willem and J.A. McNeely. 2005. **Agriculture in the Lower Mekong Basin: Experience from the Critical Decade of 1966-1976**. IUCN, Gland, Switzerland.
8. McNeely, Jeffrey A. (ed.) 2005. **Friends for Life: New partners in support of protected areas**. IUCN, Gland, Switzerland.
9. McNeely, Jeffrey A. (ed.) 2005. Biodiversity and Security. pp 139-151 in Dodds, Felix and Tim Pippard (eds). **Human and Environmental Security: An Agenda for Change**. Earthscan, UK and USA.
10. Mooney, H.A., J.A. McNeely, L.E. Neville, P.J. Schei and J.K. Waage (Eds) 2004. **Invasive Alien Species: Searching for Solutions**. Island Press, Washington DC.
11. McNeely, J.A. and Frederik Schutyser (eds.). 2003. **Protected Areas in 2023: Scenarios for an Uncertain Future**. IUCN, Gland, Switzerland.
12. Chivian, Eric, J.A. McNeely *et al.* 2002. **Biodiversity: Its importance to Human Health**. Center for Health and the Global Environment, Harvard Medical School, Cambridge, MA.
13. McNeely, Jeffrey A., and Sara J. Scherr. 2002. **Ecoagriculture: Strategies for Feeding the World and Conserving Wild Biodiversity**. Island Press, Washington DC.
14. Cunningham, Anthony B., Sara J. Scherr, and Jeffrey A. McNeely. 2002. **Matrix Matters: Biodiversity Research for Rural Landscape Mosaics**. CIFOR, Indonesia.
15. Mooney, H.A., J.A. McNeely, L.E. Neville, P.J. Schei, and J.K. Waage (eds.). 2002. **Invasive Alien Species: Searching for Solutions**. Island Press, Washington D.C.
16. McNeely, J.A. and Sara J. Scherr. 2001. **Biodiversity Depends on Progress in Agriculture**. Future Harvest and IUCN, Washington D.C.
17. McNeely, J.A. , H.A. Mooney, L.E. Neville, P. Schei and J.K. Wagge (eds.). 2001. **A Global Strategy on Invasive Alien Species**. IUCN, Gland, Switzerland.
18. McNeely, J.A. (d.). 2001. **New Directions for the 21st Century**. IUCN, Gland, Switzerland.
19. McNeely, J.A. 2001. **The Great Reshuffling: Human Dimensions of Invasive Alien Species**. IUCN, Cambridge, UK; Gland, Switzerland.
20. Stolton, Sue, Bernward Geier and Jeffrey A. McNeely (eds.). 2000. **The Relationship Between Nature Conservation, Biodiversity and Organic Agriculture**. IFOAM, Berlin.
21. Domoto, Akiko, Kunio Iwatsuki, Takeo Kawamichi and Jeffrey McNeely (eds.). 2000. **A Threat to Life: The Impact of Climate Change on Japan's Biodiversity**. Tsukiji-Shokan, Tokyo.
22. McNeely, J.A. (ed.). 1999. **Imagine Tomorrow's World**. IUCN, Gland, Switzerland. 258 pp.

23. McNeely, J.A. 1998. **Mobilizing Broader Support for Asia's Biodiversity: How Civil Society can Contribute to Protected Area Management.** Asian Development Bank, Manila.
24. McNeely, J.A. (ed.). 1998. **Major Conservation Issues of the 1990s: Results of the World Conservation Congress Workshops.** IUCN.
25. Guruswamy, Lakshman D. and Jeffrey A. McNeely (eds.). 1998. **Protection of Global Biodiversity: Converging Strategies.** Duke University Press, Durham VA and London.
26. McNeely, J.A. 1997. **Conservation and the Future Trends and Options Toward the Year 2025.** IUCN, Gland, Switzerland. 119 pp.
27. McNeely, Jeffrey A. and Sunthad Somchevita (eds.). 1996. **Biodiversity in Asia: Challenges and Opportunities for the Scientific Community.** Ministry of Science, Technology and Environment. Bangkok, Thailand. 203 pp.
28. McNeely, J.A. (ed.) 1995. **Expanding Partnerships in Conservation.** Island Press, Washington D.C. 302 pp.
29. McNeely, J.A. and P.S. Sochaczewski. 1995. **Soul of the Tiger: Searching for Nature's Answers in Southeast Asia (second edition).** University of Hawaii Press, Honolulu.
30. McNeely, J.A. (ed.). 1994. **Biodiversity Conservation in the Asia Pacific Region: Constraints and Opportunities.** Asian Development Bank and IUCN, Manila. 508 pp.
31. Munasinghe, Mohan, and J.A. McNeely (eds.). 1994. **Protected Area Economics and Policy: Linking Conservation and Sustainable Development.** The World Bank and IUCN, Washington, D.C. 364 pp.
32. McNeely, J.A. and Paul Spencer Wachtel. 1994. (**Soul of the Tiger**, Japanese version).
33. McNeely, Jeffrey A., Jeremy Harrison, and Paul Dingwall (eds.). 1994. **Saving Nature: Regional Reviews of Protected Areas.** IUCN, Cambridge. 450 pp.
34. Glowka, Lyle, Francoise Burhenne, Hugh Synge, Jeffery A. McNeely, and Lothar Gundling. 1994. **Guide to the Convention on Biological Diversity.** IUCN, Cambridge. 205 pp.
35. Krattiger, A.F., J.A. McNeely, W.H. Lesser, K.R. Miller, Y. St. Hill, and R. Senanayake (eds.). 1994. **Widening Perspectives on Biodiversity.** International Academy of the Environment and IUCN, Geneva. 473 pp.
36. McNeely, J.A. (ed.). 1993. **Parks for Life: Report of the IV World Congress on National Parks and Protected Areas.** IUCN, Gland, Switzerland. 252 pp.
37. McNeely, J.A. and V.M. Neronov (eds.). 1992. **Mammals in the Palearctic Desert: Status and Trends in the Sahara-Gobian Region.** USSR Academy of Sciences, Moscow. 310 pp.
38. McNeely, J.A. and P.S. Wachtel. 1991. **Soul of the Tiger.** Oxford University Press, Singapore. 292 pp. (Asian edition of book first published in 1988).
39. Wachtel, Paul S. and J.A. McNeely. 1991. **Ecobluff Your Way to Greenism: The Guide to Instant Environmental Credibility.** Bonus Books, Chicago. 112 pp.
40. McNeely, J.A., K.R. Miller, W.V.C. Reid, and R.A. Mittermeier. 1990. **Conserving the World's Biological Diversity.** IUCN/WRI/WWF/World Bank, Washington D.C. 193 pp.
41. McNeely, J.A. 1988. **Economics and Biological Diversity: Developing and Using Economic Incentives to Conserve Biological Resources.** IUCN, Gland. 236 pp.
42. McNeely, J.A. and P.S. Wachtel. 1988. **Soul of the Tiger: The Relationship Between People and Wildlife in Southeast Asia.** Doubleday, New York. 342 pp.
43. McNeely, J.A. and J.W. Thorsell (eds.). 1985. **People and Protected Areas in the Hindukush-Himalaya.** ICIMOD, Kathmandu. 250 pp.

44. McNeely, J.A. and D. Navid (eds.). 1984. **Conservation, Science and Society: The Proceedings of the First International Congress on Biosphere Reserves.** Minsk, Byelorussia, USSR. 600 pp.
45. McNeely, J.A. and David Pitt (eds.). 1984. **Culture and Conservation: The Human Dimension in Environmental Planning.** Croom Helm, London. 308 pp.
46. McNeely, Jeffrey A. and Kenton R. Miller (eds). 1984. **National Parks, Conservation, and Development: The Role of Protected Areas In Sustaining Society.** Smithsonian Institution Press, Washington, D.C. 838 pp.
47. McNeely, Jeffrey A. (ed). 1981. **Conserving Africa's Natural Heritage: The Planning and Management of Protected Areas in the Afrotropical Realm.** IUCN, Gland. 271 pp.
48. McNeely, Jeffrey A. (ed). 1981. **Conserving the Natural Heritage of Latin America and the Caribbean: The Planning and Management of Protected Areas in the Neotropical Realm.** IUCN, Gland. 329 pp.
49. McNeely, J.A., D.S. Rabor, and E.A. Sumardja. 1978. **Wildlife Management in Southeast Asia.** BIOTROP, Bogor. 236 pp.
50. Lekagul, Boonsong and J.A. McNeely. 1977. **Mammals of Thailand.** Association for the Conservation of Wildlife , Bangkok. 806 pp.
51. McNeely, J.A. 1975. **Wildlife and National Parks in the Lower Mekong Basin.** ESCAP, Bangkok. 192 pp.