

## RICHARD GEORGE DUDLEY

### Summary

Richard Dudley has long term experience working with developing country scientists and managers, to better understand, conserve and manage natural resources. Dudley's experience includes small scale fisheries, park management, conservation, assessment of societal impacts on natural resources, and higher education. Since 1998 Dudley has applied system dynamics modeling to complex policy questions related to both resource management, and international development issues. Dudley held long term project leadership positions in Indonesia and Oman, and has held other long-term positions in Indonesia, Malawi, and Zambia. Prior to much of his international work Dudley held teaching / research positions at the University of Georgia and Oregon State University. He moved back to the USA in 2009 and is currently an Adjunct Associate Professor at Cornell University where he assists with classes in the Department of Global Development in the College of Agriculture and Life Sciences.

**Professional Interests:** Analysis of natural resource management policy issues, especially those linked to international development. Small-Scale fisheries management. Management oriented fisheries research. System dynamics modeling investigations of natural resource and related policy issues.

### Education

B. S. Cornell University, College of Agriculture. Ithaca, New York, USA. 1964-1967.  
Fields: fisheries, natural resources, zoology.

M. S. Cornell University, College of Agriculture. Ithaca, New York, USA. 1967-1969.  
Fields: fisheries, international development.

Ph. D. University of Idaho College of Natural Resources. Moscow Idaho, USA. 1969-1972. Field: fisheries.

### Other Training

Study Program in System Dynamics Modeling (distance learning). 10 months 1998-9.  
Massachusetts Institute of Technology, Systems Dynamics Group.

Advanced Techniques for System Dynamics Modeling (distance learning). 2004.  
Worcester Polytechnic Institute, Advanced Study Program in System Dynamics.

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Web page: <http://earth01.net/RGDudley/>

## Professional Experience

### Experience (long and short term assignments)

- Adjunct Associate Professor (gratis) Global Development – College of Agriculture and Life Sciences, Cornell University. January 2015 -- 2021.  
Assist with courses: Systems analysis tools for problem solving in agriculture. Tropical Cropping Systems. Cooperate with other faculty from a variety of subject areas working with food systems, international development.
- Adjunct Associate Professor (part time) International Programs – College of Agriculture and Life Sciences, Cornell University. January 2010 -- 2015.  
Developed and taught a system dynamics modeling course with emphasis on food systems and poverty in Africa 2009 - 2013. Assist with Tropical Cropping Systems Course. Cooperate with other faculty from a variety of subject areas working with food systems, international development.
- Consultant. PT Putri Naga Komodo (a joint venture company). June – July 2009.  
Carried out an external independent review of the company's management activities in Komodo National Park, Indonesia, under the Komodo Collaborative Management Initiative, with regard the following: conservation management, incentives for sustainable livelihoods, tourism management and sustainable financing, collaborative management, and monitoring & evaluation. Provided an overall assessment of the status of park management and the company's involvement in that management.
- Consultant. Center for International Forestry Research. October – November 2007. November 2008 – January 2009.  
Modeling related to land requirements for biofuels, especially oil palm.  
Author info-brief concerning future of biofuels.
- Marine and Coastal Resource Management Specialist. ADB TA No.4551-INO: Marine and Fisheries Sector Strategy Study, Indonesia. Under contract with Uniconsult International Limited (UCIL) of Dhaka, Bangladesh. Jan - July 2006.  
Reviewed status and potential of marine resources and developed strategy for their holistic development. Reviewed existing data, reports, made field visits to small and large scale fishery establishments. Prepared report providing advice regarding improved direction management of Indonesia's marine resources.
- Visiting Scholar. Cornell University, Department of Natural Resources. Mar 2002-May 2003.  
Application of system dynamics models to natural resource policy questions.
- Consultant. International Center for Forestry Research (CIFOR), Bogor, Indonesia.  
Developing research priorities to combat illegal logging. 5 months 2001.  
Worked with CIFOR and Indonesian colleagues to develop a better understanding of underlying causes of illegal logging in Indonesia. Developed possible research topics which CIFOR and other agencies might investigate to improve the success of strategies to combat illegal logging. Developed system dynamics models of various aspects of illegal logging.

- Fisheries Specialist. Segara Anakan Conservation and Development Project. Cilacap, Central Java. BCEOM French Consulting Group. Asian Development Bank. Various periods between Apr 1998 - May 2004.

Fisheries management in Segara Anakan Lagoon and adjacent coastal waters. Close cooperation with villagers, local government. Emphasis: relationship between lagoon management and coastal shrimp fisheries and relation to engineering intervention to protect lagoon. Cooperation with local government, villagers, other resource specialists.
- Advisor Wetlands Assessment and Monitoring Unit, Wetlands International - Indonesia Program. Jan 1996 - Jan 1997.

Support Wetlands International - Indonesia Program's Wetland Assessment and Management Unit. Analysis of fishery data from the Danau Sentarum Wildlife Reserve, West Kalimantan. Assisted Environmental Research Center at Universitas Lambung Mangkurat, South Kalimantan. Encouraged the overall scientific output of the Wetlands International - Indonesia Program.
- Visiting Fellow at BIOTROP. Indonesia Higher Education Project. World Bank. 3 months. 1997-1998.

Assisted Southeast Asian Center for Tropical Biology develop and establish MSc program in remote sensing, geographic information systems and modeling related to natural resource management. Provided advice related to aquatic ecology programs.
- Review Projects for Association of Canadian Community Colleges. Two weeks. 1998.

Philippine projects related to fisheries. Southeast Asian Fisheries Development Center Aquaculture Department, and State Polytechnic University of Palawan.
- Revision Editor. Center for International Forestry Research, Bogor, Indonesia. May - September 1997.

Revise, rewrite and edit manual related to developing criteria and indicators for sustainable forest management.
- Advisor to Environmental Studies Center at Universitas Lambung Mangkurat, South Kalimantan. May and November 1996 while contracted by Wetlands International. (Consultant to Environmental Studies Centers Development in Indonesia Project carried out by Dalhousie University).

Provided advice on MSc program design, wetlands research, modeling and internet use.
- Team Leader, Higher Education Specialist. Indonesia Marine Sciences Education Project. Eduplus of Montreal. Asian Development Bank. Jan 1994 - Nov 1995.

Coordinated work of 50+ short term consultants assigned to six Indonesian Universities for to strengthen university teaching and research programs in all aspects of marine science. Provided support to, and reviewed work of, consultants. Close cooperation with the Directorate General of Higher Education, Ministry of Education and Culture.
- Team Leader, Fishery Specialist. Indonesia Tropical Forestry Management Project -- Conservation Component. Via Asia Wetlands Bureau (now Wetlands International). ODA (United Kingdom) funded. May 1992 - Aug 1993.

Coordinated work to create realistic management plan for the Danau Sentarum Wetlands National Park, West Kalimantan, Indonesia. Responsible for overseeing construction and equipping of field center within the reserve, obtained supplies, equipment, worked

closely with the provincial office of the Directorate General of Forest Protection and Nature Conservation. On site responsibility for ecological and biological components of management plan related to the extensive small scale fisheries of the area. Studies related to management of fishery in cooperation with local people.

- Marine and Fishery Ecologist, Faculty of Fisheries, University of Riau, Pekanbaru. Indonesia. Marine Sciences Education Project. EDUPLUS of Montreal Canada. Asian Development Bank funded. Jul 1991 - Apr 1992.  
Improve teaching / research related to marine ecology, particularly mangroves. Provided advice new marine station construction, selected books and scientific equipment for the expanded marine science programs. Prepared course materials for mangrove ecology, designed course sequences/schedules for the marine science majors.
- Fisheries Specialist. Environmental Assessment of Kapuchira Dam, Malawi. Associates in Rural Development, Burlington, Vermont. World Bank. Dec 1990-Mar 1991: 10 weeks.  
Environmental assessment regarding proposed hydropower dam on the Shire River, Malawi. Investigated potential effects on floodplain and swamp fisheries, and analyzed and modeled probable reservoir discharges.
- Chief of Party / Chief Scientist Oman Fisheries Project / Associate Professor, Oregon State University. USAID / Omani - American Joint Commission. Jun 1986 - Jun 1990.  
Established ongoing marine fishery research program at Oman's new Marine Science and Fishery Center in cooperation with the Oman Directorate General of Fisheries. Coordinated activities of biologists, seafood scientist, librarian, aquarium curator. Provided advice regarding fishing activities and fishery development. Provided advice to the Director regarding the Center's operation and the direction of programs for its 62 staff members. Carried out scientific studies of large pelagic fishes, particularly the Indopacific Spanish mackerel (*Scomberomorus commerson*).
- Consultant. TROPISOILS project, Sitiung, West Sumatra, Indonesia. University of Hawaii. USAID. Various during 1985-1986.  
Taught computer short courses to American and Indonesian staff. Evaluated possible roles fish ponds and fish pond sediment for soil management.
- Consulting Fishery Biologist. Lotti Associati Engineers. Italian Government Funding. April-June 1985.  
Planned fishery aspects in irrigation scheme in Anai River Basin, West Sumatra, Indonesia. Selection of fishery activities for proposed irrigation scheme.
- Artisanal Fishery Management Biologist / Assistant Professor. Indonesia Small Scale Fishery Development Project. Oregon State University. USAID. Oct 1982 - Jan 1985.  
Studies to provide recommendations for the management of traditional inshore multi-species fisheries of northern Java. Data from fishing villages, fish auction places, artisanal fish catches. Assessed suitability of data from fisheries statistical system for fishery management. Cooperated with Directorate General of Fisheries and the Fisheries Services of several provinces.

- Assistant Professor / Columbia River Extension Fishery Specialist. Oregon State University. 1980 – 1982.  
Taught Fishery Biology. Collected, analyzed, and summarized information regarding Columbia River fisheries management, and used that information to formulate training and information programs for teachers and extension agents.
- Assistant Professor. University of Georgia, School of Forest Resources. 1972 -1980.  
Taught Fishery Management, Fish Ecology. Advised graduate students. Carried out research in USA and Zambia. Especially: 1) Kafue Floodplain Zambia. Research with Tilapia and Oreochromis examined changes in fishery and fish populations for comparison with earlier predictions. 2) Field studies of striped bass (*Morone saxatilis*) in the Savannah River (1972 – 1979). Defined migratory limits via radio and ultrasonic tags. Examined effect of tide gate on the spawning success. 3) Investigated possible benefits resulting from in reservoir oxygenation on fishes in waters downstream from large reservoirs.
- Fishery Research Technician. Fishery Studies of the Kafue Floodplain. University of Idaho. UNDP/FAO. 1969 -1971.  
  
Kafue Floodplain, Zambia. Predict effects of hydropower developments on commercial fishery especially Tilapia and Oreochromis. Work was used in analysis of benefits of potential water management regimes on fisheries, wildlife, cattle grazing, etc.
- Research Assistant, Cornell University (1967-1969)  
Laboratory research investigating the relation of water quality to survival of fish eggs and larvae.

## International Experience Summary

INDONESIA (Various) 2006-2009  
INDONESIA (Cilacap, Central Java) 1998-2001, 2004.  
INDONESIA (Bogor, West Java) 2001-2002. (resident in Bogor 1996 – 2009)  
PHILIPPINES (Iloilo and Palawan) 1998 (two weeks).  
INDONESIA (Bogor-West Java) 1996-1998.  
INDONESIA (Jakarta) January 1994 - Dec 1995.  
INDONESIA (West Kalimantan) May 1992 - August 1993.  
INDONESIA (Sumatra) July 1991-June 1992.  
MALAWI December 1990 - March 1991.  
OMAN June 1986- June 1990.  
INDONESIA (Sumatra) 1985-1986.  
INDONESIA (Semarang, Java) 1983-1985.  
ZAMBIA 1975-1976.  
VENEZUELA 1973.  
ZAMBIA 1969-1970.  
COSTA RICA 1971.

## Other Professional Activities

Organizations:

System Dynamics Society,

Dana Meadows Award Committee (2009 – 2021)  
Environment Special Interest Group  
American Fisheries Society (1967- present)  
American Institute Fishery Research Biologists (Fellow)

## Related Skills

### Languages:

English, fluent, mother tongue; Bahasa Indonesia, reasonable working knowledge;  
Spanish, several years formal training but require retraining.

## Publications, Reports and Presentations

(versions of most papers and models are available from  
<http://earth01.net/RGDudley/dudspbs.html> )

### *Related to the application of system dynamics modeling to policy issues*

Richard G. Dudley 2021. The Changing Landscape of Open Access Publishing: Can Open Access Publishing Make the Scholarly World More Equitable and Productive? **Journal of Librarianship and Scholarly Communication**, 9(General Issue), eP2345. <https://doi.org/10.7710/2162-3309.2345> . (Also presented as The Changing Landscape of Open Access Publishing. 14p. (37th International Conference of the System Dynamics Society July 2019. Albuquerque, USA.)

Dudley R. G. 2015. Thinking about “land grabs”: Food security, food prices, and large-scale land acquisitions. Manuscript p.17.

Dudley, R. G. 2011. Might Continued Emphasis on Maize at the Expense of More Drought Tolerant Crops Endanger Food Security in the Horn of Africa? Paper prepared for presentation at the 2011 Meeting of the System Dynamics Society, Washington, D. C.

Carol J. Pierce Colfer and Richard G. Dudley. 2011. Strengthening Links Between Anthropologists and System Dynamicists: Participatory Group Modeling & Natural Resources. International System Dynamics Conference. Washington DC. 19p.

Dudley, R. G. 2010. A Little REDD Model to Quickly Compare Possible Baseline and Policy Scenarios for Reducing Emissions from Deforestation and Forest Degradation. **Mitigation and Adaptation Strategies for Global Change** 15(1):53-69. Previously presented as: A Little REDD Model: Reducing Emissions from Deforestation and Forest Degradation, a paper presented at the 27th International Conference of the System Dynamics Society July 2009. Albuquerque, USA.

Dudley, R. G. Sheil, D. Colfer, C. 2008. Simulating oil palm expansion requires credible approaches that address real issues. (response) **Ecology and Society** 13(1) [online] <http://www.ecologyandsociety.org/vol13/iss1/resp1/> .

Dudley, R. G. 2008. A Basis for Understanding Fishery Management Dynamics. **System Dynamics Review** 24(1): 1-29.

Dudley, R. G. 2007. Payments, penalties, payouts, and environmental ethic: A system dynamics examination. **Sustainability: Science, Practice, Policy** 3(2) [online] <http://ejournal.nbii.org>.

Dudley, R. G. 2007. The Equity Supply Chain: Is it the Cause of So Few Women in Management and Leadership Positions? A paper prepared for presentation at the 25th International Conference of the System Dynamics Society August 2007. Boston, USA.

- Dudley, R. G. 2004. The dynamic structure of social capital: How interpersonal connections create communitywide benefits. A paper prepared for presentation at the 22nd International Conference of the System Dynamics Society July 25 – 29 2004. Oxford, UK. 22p + Figs.
- Dudley, R. G. 2004. Modeling the Effects of a Log Export Ban in Indonesia. **System Dynamics Review** 20 (2): 99-116.
- Dudley, R. G. 2004. A System Dynamics Examination of the Willingness of Villagers to Engage in Illegal Logging. **Journal of Sustainable Forestry** 19 (1/2/3):31-53. Co-published in **Illegal Logging in the Tropics: Strategies for Cutting Crime**. Ravenel, R.M., I.M.E. Granoff, and C.A. Magee, eds. Haworth Press.
- Dudley, R. G. 2003. Are International Development Projects Unfair to Local Staff? Dynamics of the Dual Salary Scale Question. Presented at the 2003 International System Dynamics Conference, New York City, July 20 - 24, 2003.
- Dudley, R. G. 2003. A Basis for Understanding Fishery Management Complexities. Presented at the 2003 International System Dynamics Conference, New York City, July 20 – 24.
- Dudley, R. G. 2001. Dynamics of Illegal Logging in Indonesia. Chapter 16 in: Colfer, Carol J. Pierce, and Ida Aju Pradnja Resosudarmo, Editors. 2001. **Which way forward? Forests, People and Policymaking in Indonesia**. RFF. Washington, D. C.
- Dudley, R. G. 2000. The Rotten Mango: The Effect of Corruption on International Development Projects. Part 1: Building a System Dynamics Basis for Examining Corruption. Eighteenth International Conference of the System Dynamics Society. August 6-10, 2000. Bergen, Norway. 19p + app. (available as contribution 6 from the Internet Center for Corruption Research at: [http://www.icgg.org/corruption.research\\_contributions.html](http://www.icgg.org/corruption.research_contributions.html)).
- Dudley, R. G. and Chris S. Soderquist. 1999. A Simple Example of How System Dynamics Modeling Can Clarify, and Improve Discussion and Modification, of Model Structure. 129<sup>th</sup> Annual Meeting of the American Fisheries Society, Charlotte, North Carolina. August 1999.

### ***Related to Fisheries and Natural Resources***

(versions of some papers are available from <http://earth01.net/RGDudley/dudspbs.html> )

- Dudley, R. G. 2009. Putri Naga Komodo / Komodo Collaborative Management Initiative Mid-Term External Review. Report prepared for Putri Naga Komodo a Joint Venture Company involved with the management of Komodo National Park, Indonesia. 36p.
- Dudley R. G. and Abdul Ghofar. 2006. Technical report no 2: Marine and coastal resource management. Marine and Fisheries Sector Strategy Study (ADB TA 4551 - INO), Prepared by Uniconsult International Limited (UCIL), Jakarta. 74p +app.
- Dudley, R. G. 2000. The Fishery of the Danau Sentarum Wildlife Reserve. **Borneo Research Bulletin** 31:261-306.
- Colfer, C.J. Pierce, A. Salim, R.L. Wadley & R.G. Dudley. 2000. Understanding patterns of resource use and consumption: a prelude to co-management. **Borneo Research Bulletin** 31:29-88.
- Dudley, R. G. 2000. Segara Anakan Fisheries Management Plan. Segara Anakan Conservation and Development Project, Components B & C. Consultant's Report. 33p + app. (note: This report and related data is available from <http://earth01.net/RGDudley/dudspbs.html>)

- Ravi Prabhu, Carol J. P. Colfer and Richard G. Dudley. 1999. **Guidelines for developing, testing & selecting criteria and indicators for sustainable forest management.** No. 1 in the Criteria and Indicators Toolbox Series. Center for International Forestry Research. Bogor, Indonesia. 186p.
- Dudley, R. G. 1997. Fisheries Management in a Borneo Wildlife Reserve: Danau Sentarum Wildlife Reserve, West Kalimantan, Indonesia. Presentation at the Annual Meeting of the American Fishery Society. Monterey, California. August 1997.
- Dudley, R. G. 1996. The Fishery of the Danau Sentarum Wildlife Reserve, West Kalimantan, Indonesia (two parts). Report prepared for the ODA Tropical Forest Management Programme, Project 5: Conservation. 52 p. + 113p tables and figs.
- Dudley, R. G. 1995. Final Report - Team Leader: Consultants' Activities. Marine Science Education Project. Ministry of Education and Culture, Directorate General of Higher Education in cooperation with Lavalin International, IDP Education Australia and P. T. Hasfarm Dian Consultan. ADB Loan No. 894-INO/895-INO SF. 64p + app.
- Dudley, R. G. 1994. Third World Fisheries: Who Cares? **Fisheries** 19(6):6-11.
- Colfer, Carol J. Pierce, with Richard G. Dudley (in cooperation with Herri Hadikusumah, Rusydi Niken Sakuntaladewi and Amblani). 1993. Shifting Cultivators of Indonesia: Marauders or Managers of the Forest. Rice Production and Forest Use Among the Uma' Jalan of East Kalimantan. Food and Agriculture Organization of the United Nations, **Community Forestry Series**. Number 6. 119p.
- Dudley, R. G., A. Prabhakar Aghanashinikar, and E. B. Brothers. 1992. Management of Indo-Pacific Spanish mackerel (*Scomberomorus commerson*) in Oman. **Fisheries Research** 15:17-43.
- Dudley, R. G. 1992. Collected Reports and Papers. Marine Science Education Project, Local Project Implementation Unit, Universitas Riau. app. 150 p. (includes scientific keys to mangrove plant species, course materials for marine ecology, suggested course scheduling etc).
- Dudley, R. G. 1990. Summary Final Report of the Contract for Technical Services for Staffing the Marine Science and Fisheries Center. Omani-American Joint Commission Project Number 272-0101.1-1. 23p + tables.
- Dudley, R. G. 1990. Large Pelagics Final Report of the Contract for Technical Services for Staffing the Marine Science and Fisheries Center. Omani-American Joint Commission Project Number 272-0101.1-1. 33p + tab., fig. and appen.
- Dudley, R. G. 1989. Kingfish and small tunas in Oman: assessment and management considerations. Paper presented at the International Agriculture and Fisheries Symposium held in Muscat, Oman. 15 - 19 October 1989. 8p.
- Al-Barwani, M., R. G. Dudley, J. A. Dorr III, S. R. Hare and D. W. Johnson. 1989. The extent of fishery resources in Oman: stock assessments and the potential for new resources. Paper prepared for the International Agriculture and Fisheries Symposium held in Muscat, Oman. October 1989.
- Dudley, R. G. 1989. Oman's large pelagic species: management and research considerations. **Report of the Third Southeast Asian Tuna Conference**, Bali Indonesia 22-24 August 1989.
- Dudley, R. G. and Arundhati Prabhakar Aghanashiniker. 1989. Growth and Population Characteristics of *Scomberomorus commerson* in Oman based on length data. **Report of**



- the Workshop on Tunas and Seerfishes in the Arabian Sea Region.** Indopacific Tuna Program Workshop. Muscat, Oman. February 1989.
- Arundhati Prabhaker Aghanashiniker and Richard G. Dudley. 1989. Age, growth, and mortality rates of longtail tuna *Thunnus tonggol* (Bleeker) in Omani waters based on length data. **Report of the Workshop on Tunas and Seerfishes in the Arabian Sea Region.** Indopacific Tuna Program Workshop. Muscat, Oman. February 1989.
- Dudley R. G., Endang Hidayat and Carol J. Pierce Colfer 1989. A survey of small fishponds (West Sumatera, Indonesia). p 243-248 *in* TropSoils Technical Report 1986-1987. TropSoils Management Entity, Box 7113, North Carolina State University, Raleigh, NC 27695-7113.
- Dudley R. G. and Kenneth C. Harris. 1987. The fisheries statistics system of Java, Indonesia: operational realities in a developing country. **Aquaculture and Fisheries Management** 18:365-374.
- Dudley R. G. and Arundhati Prabhakar Aghanashinikar. 1987. Preliminary Studies of *Scomberomorus commerson* and *Thunnus Tonggol* in Omani Waters. pp 62-68 *in* **Report of the Workshop on Small Tuna, Seerfish, and Billfish in the Indian Ocean. IPTP/87/GEN/13.** Colombo, Sri Lanka. February 1988.
- Dudley R. G. 1987. Linkage Between Technical Assistance and Fishery Management. Presented at the Annual Meeting of the American Fisheries Society. Winston-Salem, North Carolina. September 1987.
- Dudley, R. G. and G. Tampubolon. 1986. Artisanal seine and liftnet fisheries of the north coast of Java. **Aquaculture and Fisheries Management** 17(3):167-184.
- Dudley, R. G. 1986. Mail order technical assistance: can it work? **Naga**, the ICLARM Quarterly 9(3):16-17.
- Dudley, R. G. 1985. Fisheries Development Possibilities. Chapter 8 *in* Dataran Anai Feasibility Study (West Sumatera, Indonesia). Lotti Associati Engineers, Rome.
- Dudley, R. G. and G. Tampubolon. 1985. The trammel net shrimp fishery of Java, Indonesia. **Oceanologi di Indonesia** 19:41-56.
- Dudley, R. G. 1985. Recommendations for the improved management of small scale marine fisheries of northern Java, Indonesia. A final report to the Directorate General of Fisheries, Indonesia for the USAID Small Scale Fisheries Development Project. 90p.
- Dudley, R. G. and K. C. Harris. 1984. Field review of the standard system of fishery statistics for Indonesia with recommendations for its improved operation. Prepared for the Directorate General of Fisheries, Indonesia as part of the USAID Small Scale Fisheries Development Project. 40p.
- Dudley, R. G. and T. G. McGahee. 1983. Winter and altered spring movements of striped bass in the Savannah River, Georgia. **Fishery Bulletin** 81(2):420-425.
- Dudley, R. G. and R. J. Scully. 1980. Changes in experimental gillnet catches from the Kafue River Floodplain, Zambia, since construction of the Kafue Gorge Dam. **J. Fish Biol.** 16:521-537.
- Dudley, R. G., R. D. Quintrell and G. S. Beisser. 1980. Hypolimnial oxygen injection: a benefit to downstream fish populations? **Environmental Biol. Fishes** 5(3):235-242.

- Quintrell, R. D. and R. G. Dudley. 1980. Effects of hypolimnial oxygenation on fish populations and water chemistry in Clarke Hill Reservoir tailwaters. Annual Meeting of the American Fisheries Society, 1980.
- Dudley, R. G. 1979. Changes in growth and size distribution of *Sarotherodon macrochir* and *Sarotherodon andersoni* from the Kafue Floodplain, Zambia, since construction of the Kafue Gorge Dam. **J. Fish Biol.** 14:205-223.
- Dudley, R. G. and K. N. Black. 1978. Distribution of striped bass eggs and larvae in the Savannah River Estuary. **Proc. Southeastern Assoc. of Fish and Wildlife Agencies.** 32:561-570.
- Dudley, R. G., A. W. Mullis, and J. W. Terrell. 1977. Movements of adult striped bass (*Morone saxatilis*) in the Savannah River, Georgia. **Trans. American Fishery Soc.** 106(4):314-322.
- Dudley, R. G. 1976. Status of major fishes of the Kafue Floodplain, Zambia, five years after completion of the Kafue Gorge Dam. Final Report to the National Science Foundation, Scientists and Engineers in Economic Development Program. (Grant Number: OIP75-09239). 71p.
- Dudley, R. G., and A. W. Eipper. 1975. Survival of largemouth bass embryos at low dissolved oxygen concentrations. **Trans. American Fish. Soc.** 104(1):122-128.
- Dudley, R. G. 1974. Growth of Tilapia of the Kafue Floodplain, Zambia: predicted effects of the Kafue Gorge Dam. **Trans. American Fish. Soc.** 103(2):281-291.
- Dudley, R. G. 1970. Biology of Tilapia of the Kafue Floodplain, Zambia. Annual Meeting of the American Fisheries Society, 1970, New York.

### **Other**

- Dudley, R. G. 2014. Photo Essay: Indonesia's Eastern Shores. Southeast Asia Program e-Bulletin Spring 2014. P 10-15. [https://seap.einaudi.cornell.edu/sites/seap/files/SEAP--ebulletin-NEWS-2014-SMALL\\_0.pdf](https://seap.einaudi.cornell.edu/sites/seap/files/SEAP--ebulletin-NEWS-2014-SMALL_0.pdf)