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Curriculum Vitae

RAMACHANDRAN P. K. NAIR

Also written as P. K. Ramachandran NAIR

Written as P. K. R. Nair in publications
Usually called P.K. Nair, PK on first-name basis

1. POSITION / CONTACT

Work: Distinguished Professor
School of Forest Resources and Conservation
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2. EDUCATION

<u>Degrees and Subjects</u>	<u>Institutions</u>	<u>Year</u>	<u>Remarks</u>
Dr. Sc. agr. (=Ph.D.) Major: Tropical Land Use Minor: Soil Science; Socioeconomics & Development Dissertation Topic: Multiple Cropping	University of Göttingen West Germany	1978	Grade: "Excellent"

Ph. D. Pantnagar Agri. University, 1971 1st Division
Major: Agronomy Pantnagar, U.P. (now: Uttarakhand), India
Minor: Soil Science
Dissertation Topic: Multiple Cropping and Soil Management

M.Sc. (Agriculture) Kerala University, India 1968 1st Division
(two years; with thesis)
Major: Agronomy
Minor: Soil Science; Agri. Statistics

B.Sc. (Agriculture) Kerala University, India 1961 1st Division
(11 yrs school and 5 yrs college)

Languages: English (Excellent); German (Good); Spanish (Good); French (Fair); also know three languages of India and some Swahili (E. Africa).

3. EMPLOYMENT RECORD

Distinguished Professor: July 2001 –
(Director, Center for Subtropical Agroforestry, 2001 - 2011)
School of Forest Resources and Conservation,
Institute of Food and Agricultural Sciences (IFAS), University of Florida,
Gainesville, Florida 32611, USA.

Affiliate Professor of: Agronomy Department, Soil & Water Science Department,
School of Natural Resources and Environment,
Center for Latin Am. Studies, and Center for African Studies.

Professor: 1987 – June 2001

Responsibilities at SFRC/IFAS: Develop and lead the University of Florida/IFAS interdisciplinary Program in Agroforestry for education, training, and research in agroforestry.

[Distinguished Visiting Professor: September through December 2000
Graduate School of Agriculture, Laboratory of Tropical Forest and Environments
Kyoto University, Japan (on sabbatical leave from the Univ. of Florida)].

International Core Scientist, ICRAF: 1978 - 1987

Principal Scientist (1985 - 1987) and Senior Scientist (1978 - 1984); International Council (*Centre*, since 1991) for Research in Agroforestry (ICRAF) (Now called World Agroforestry Centre), Nairobi, Kenya.

Responsibilities: A senior international position; a founding member and senior staff of ICRAF; various responsibilities in research, research management, institution building, and international development.

Visiting Fellow (Professor): 1984 (July-Sept., three months)

Environment and Policy Institute, East-West Center, Honolulu, Hawaii, USA.

Research Topic: Agroforestry systems in the South Pacific Region.

Senior Research Fellow (Alexander von Humboldt Foundation Senior Fellow): 1976-'78. Institute of Forest Ecosystems, University of Göttingen, West Germany.

Research Topic: Application of systems analysis to tropical plantation crop systems. (See "Notable Accomplishments," section 8. 3).

Agronomist (Soils): 1972 - 1978

Central Plantation Crops Research Institute (Indian Council of Agricultural Research – ICAR), Kasaragod, Kerala, India.

Research Area: Multiple cropping and crop diversification involving coconuts and other plantation crops; several publications.

Post-Doctoral Fellow (Commonwealth Fellow): 1971 - 1972

Rothamsted Experimental Station, Harpenden, Herts., England.

Research Area: Soil fertility and plant nutrition.

Research Assistant/Lecturer in Agronomy: 1961 - 1968

Res. Asst./ Lecturer at the Agri. College, Trivandrum, Kerala Agri. Univ., India.

4. PUBLICATIONS

I have published extensively in international scientific and technical media, primarily on AGROFORESTRY.

The major topics, mostly with emphasis on agroforestry, include (in alphabetical order):

- Agroecosystems
- Carbon sequestration
- Ecosystem services
- Environmental protection

- Food production and food security
- Forest management
- Integrated land-use systems
- Multiple cropping
- Multipurpose trees
- Soil fertility and productivity
- Sustainability
- Tree (plantation) crops
- Trees outside forest
- Sustainability
- Underexploited and indigenous species

The publications include:

Books

- Author, Single: 5
- Co-author (first of two authors): 1
- Editor, Single: 1
- Editor, Joint: 8

Book Chapters: 70
(Including seven encyclopedia chapters)

Journal articles (peer-reviewed): ~ 200

My book *An Introduction to Agroforestry*, Kluwer (now Springer), 1993, is the first college-level textbook in the subject, and has been translated into Japanese (1996), Spanish (1997), and Thai (2002) languages.

Editorial Responsibilities and Accomplishments

- Founding member (1982) of the Editorial Board of *Agroforestry Systems*, an international scientific journal, publisher: Kluwer Academic Publishers (Now Springer), The Netherlands
- Editor-in-Chief, *Agroforestry Systems*, 1994–2005
- Book Series Editor, *Advances in Agroforestry*: I continue to be the editor of this book series that I initiated in 2004, publishing an average of one book per year; publisher: Springer
- Chief Editor of the Section Agroecology and Land-Use Systems, *Frontiers in Environmental Science*, since 2013.

- Member, Editorial Board: *Plant and Soil* (6 years), *Forests* (4 years)
- Regular reviewer of manuscripts for a large number of journals including *Science*, *Nature*, *PANAS*, *PLOS1*, and numerous thematic journals in the subject areas listed above.

Publication quality (Google Scholar, 23 April 2015)



P. K. R. Nair

Distinguished Professor, University of Florida

[Agroforestry](#), [Environment](#), [Soil productivity](#), [Sustainability](#), [Integrated land-use](#)

Verified email at ufl.edu

My profile is public

Citation indices	All	Since 2010
Citations	10992	4124
h-index	50	31
i10-index	149	96

5. GRADUATE STUDENT SUPERVISION AND MENTORING

I joined the University of Florida in late 1987. Since then, I have served on more than 100 graduate (Masters/PhD) committees (chair: 48; co-chair: 4; and member: ~ 50). Fifty students (26 PhD and 24 Masters) have graduated under my supervision. Currently I supervise two PhD students; one will be joining in summer 2015. I have organized short training courses (up to five weeks duration) for professionals from developing countries and trained more than 150 such professionals from 20 countries. I have also hosted numerous (more than 25) scholars from six countries at UF on sabbatical and exchange programs for periods ranging from 3 to 12 months, and conducted training courses of one to two week durations in 20 countries. I maintain excellent professional and personal contacts with my former students and associates around the world.

About 50 % of my students (former and current) are US nationals. Others represent 18 different countries; they have come to study with me with their own (donor-supported) resources. Two of my Master graduates have continued on Ph D programs with me; 15 PhDs are pursuing professional careers in public sector institutions; three are in private sector; five are senior scientists in international research institutions in Africa and Latin America. Two of my former students, Reinhold Muschler (MS, 1993; PhD, 1998) and John Bellow (MS 2000; PhD 2004) received the prestigious IUFRO (International Union

of Forestry Research Organizations) best dissertation awards, in two consecutive terms (1995–1999 and 2000–2004 respectively); only seven such awards are given at every IUFRO Congress held once every five years, based on competitions from PhD graduates from the world over in any of the forestry-designated disciplines during the preceding five years.

6. PROFESSIONAL ASSIGNMENTS AND COMMITTEES

1. Professional travels to over 100 countries, including the developing countries of Asia, Africa, and Latin America & the Caribbean.
2. Member/Fellow and committee assignments of several professional societies (see the under “Awards and Honors”).
3. Editor/editorial board responsibilities of several journals and other publications (see the sub-section “Editorial responsibilities and accomplishments” under the section “Publications”).
4. Participation, including committee assignments and numerous keynote presentations, in more than 300 international and regional professional conferences and workshops in different parts of the world.
5. Collaborative and consulting work with several UN agencies, CGIAR and other international and regional centers, donor agencies, and national research and development organizations.
6. Initiator and organizer of the World Congress of Agroforestry series: I conceptualized the idea of a “World Congress of Agroforestry” series, and organized the first one in Florida, USA, in 2004; had major involvements in the two subsequent ones held in Nairobi, Kenya (2009) and New Delhi, India (2014).

7. AWARDS AND RECOGNITIONS (since 2000)

Humboldt Prize, 2006 (Alexander von Humboldt Foundation, Germany) – the highest academic recognition in Germany.

Honorary Doctor of Science Degrees from:

- University of Santiago de Compostela, Spain, 2008
- University of Guelph, Ontario, Canada, 2006
- University of Science and Technology, Kumasi, Ghana, 2005
- Kyoto University, Japan, 2002.

Fellow of:

- American Association for the Advancement of Science
- American Society of Agronomy
- Crop Science Society of America
- Soil Science Society of America
- National Academy of Agricultural Sciences, India
- World Innovation Foundation, U.K.

Other Recognitions:

- **Fulbright–Nehru Distinguished Chair Award**, 2014–2015 for a four-month lecture tour in India
- **Outstanding Research Award**, Society of American Foresters, 2014
- **Mahatma Gandhi Medal for Global Achievers**, NRI Welfare Society of India, Awarded at the House of Lords, London, October 2013
- **The *Hind Ratan* (Jewel of India) Award**, NRI Society, New Delhi, 2010
- **Medal for Distinguished Global Leadership in Agroforestry** from the BBSMR Agricultural University, Gazipur, Bangladesh, 2007
- **Fulbright Senior Specialist Award**, 2005 (2005 to 2010)
- **IUFRO (International Union of Forest Research Organizations) Scientific Achievement Award**, 2005
- **Barrington Moore Award**, Society of American Foresters, 2004
- **International Crop Science Award**, Crop Science Society of America, 2004
- **International Soil Science Award**, Soil Science Society of America, 2001
- **International Agronomy Award**, American Society of Agronomy, 2000

University of Florida Recognitions:

- **Dissertation Advisor/Mentoring Award**, 2005 – 2006
- **Distinguished International Educator of the Year**, 2004
- **UF/IFAS International Fellow**, 2004
- **University of Florida Research Foundation Professorship**, 2004 to 2006
- **International Award of Merit, Gamma Sigma Delta Honor Society of Agriculture**, FL Chapter, 2002
- **Graduate Teacher and Advisor of the Year 2000-2001**, IFAS, 2001.