



Successful candidates – WASRAG Board, June 2008

Edward Kairu:

Nairobi, Kenya

Rotary Club of Nairobi

Prof. Edward Kairu is the Executive Director of Maji na Ufanisi (Water and Development), and is the Chair of ANEW - African Civil Society Network on Water and Sanitation. Maji na Ufanisi implements Water and Environmental Sanitation (WES) projects in urban informal settlements (slums) and Small Towns/Rural Areas of Kenya.

His professional specialties include water and sanitation, environmental management, rural and urban development, climatology and hydrology and remote sensing. He has worked in Kenya, Uganda, Tanzania, Ethiopia, Somalia, Sudan, Lesotho, Liberia, Nigeria, South Africa, Algeria, and USA. Professor Kairu speaks English, Swahili, French and Kikuyu (Mother tongue).

Kairu holds a PhD in Climatology from McGill University (Canada); an MSc in Hydro Climatology and BSc (Physics, Mathematics and Geography) from the University of Nairobi.

Professor Kairu is: the Chair – African CSO Network on Water and Sanitation; adviser – Freshwater Action Network – based in Water Aid UK; adviser – RiPPLE – Research inspired Policy and Practice Learning – DfID (Ethiopia and Nile regions); member – Africa Working Group – European Union Water Initiative; alumnus – Cambridge University – Business and Environment Program; invited as part time Faculty Member – Cambridge University, UK; invited as Adviser – Google Inform and Empower program; invited as Adviser – IFS – International Federation of Scientists.

P.D.G. Arvind Phukan:

Tacoma, WA USA

Rotary Club of Tacoma

Dr. Phukan received his PhD and Masters in soil and rock mechanics at the Imperial College of Science & Technology, London, UK and was a Post Doctorate Fellow at Laval University, Quebec, Canada.

Until moving to the Continental U.S. in 2005, Dr. Phukan was president and CEO of Phukan Inc., Anchorage, AK. His company specialized in civil, geotechnical, structural and environmental engineering. It designed and constructed various structures including water & sanitation systems in urban and rural regions of Alaska, USA; Canada and India. Between



Water & Sanitation ROTARIAN ACTION GROUP **W · A · S · R · A · G**

1976 and 2005, Dr. Phukan was also a Professor of Civil Engineering at the University of Alaska Anchorage/Fairbanks, Alaska.

Dr. Phukan was District Governor, D5010, in 2002-03. He is a charter member of the Anchorage Midtown Rotary Club, and was president of that club in 1993-94. He was the Zone 22 W, Coordinator, Water Resource Group, 2004-05 and Zone 23, Coordinator, Water Resource Group, 2007-09. He has been a member of the Rotary Club of Tacoma #8 since 2007 and is a member of the Ethiopian Water Project Task Force.

Dr. Phukan is the author or co-author of five books and 31 journal articles on engineering and water, and is a Member of the WASRAG task force that has produced “Best Practices Guideline for the Development and Construction of Water Supply System for Drinking Water”.

P.D.G. Billy Settles:

Victoria, Texas USA

Rotary Club of Victoria Northside

Billy Settles holds a B.S. degree in Civil Engineering. He is currently the managing partner of Associated Engineers & Surveyors (AES) and is a Registered Professional Engineer and Registered Professional Land Surveyor.

Much of Billy’s professional experience has been in the areas of irrigation for farmlands, water supply, water distribution, waste water collection and treatment. He has designed numerous water wells for municipal and commercial use, water distribution and waste water collection systems for cities (including pumping and lift stations), as well as small treatment systems for waste water use.

Billy has been a Rotarian since 1982. He was the President of the North Side Rotary Club of Victoria 1995-96, and was District Governor 2000-2001. Billy has been District Trainer, Grants Chair, Foundation Chair and the District Parliamentarian.. He has held numerous additional District and Zone positions. He is a multiple Paul Harris Fellow, Benefactor, Major Donor, and Paul Harris Society Member. In 2004 Billy received the Rotary International “*Service Above Self*” Award

Billy has been involved in many water projects with Rotary. He has worked on or helped with funding for: two 20,000 gallon storage tanks in Honduras, 52 hand wells in India, 50 bio-sand filters in Honduras, water distribution systems for a colonia in South Texas, a water system for a village in northern Sudan, and water tanks for colonias in northern Mexico.