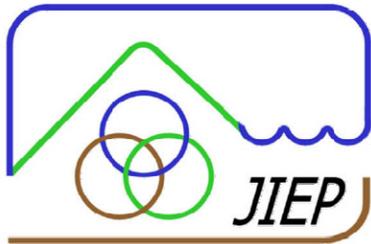




SEPTEMBER 2011

# the environmental professional quarterly

JAMAICA INSTITUTE OF ENVIRONMENTAL PROFESSIONALS QUARTERLY NEWSLETTER



## Volume 1, Issue No. 4

Welcome to the September 2011 issue of the Jamaica Institute of Environmental Professionals (JIEP) Quarterly Newsletter—The Environmental Professional Quarterly (EPQ). It is the intention that this newsletter will keep persons informed of the JIEP's activities and the environmental profession in Jamaica.

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### JIEP MISSION STATEMENT

*To maintain high standards of professionalism among our members in order to improve the environmental management capacity and practices in Jamaica.*



## Dr. Barry Wade at the JIEP AGM

We were proud to have the Dr Barry Wade as the guest speaker at our 2011 Annual General Meeting. Dr Wade, as the recipient of the JIEP 10th Anniversary Life Time Achievement Award, was invited to address the gathering on his perspective on the future direction of Environmental Professionals (EPs) in Jamaica.

Dr Wade felt that EPs should seek to bridge the gap between the public and private sectors and also to forge partnerships to provide solutions to local environmental problems. He also indicated that the EP should develop case studies to highlight success stories, the accounts of which are often lost in grey literature. He felt that as EPs we should play more of an advocacy role in the public arena, to review and analyze environmental issues and make recommendations based on impartial scientific evaluations.

He felt, however, that the main role of the EP should be that of a "Prophet", using insight and foresight to draw attention to potentials "environmental futures". He believed that squatting in Jamaica is one such environmental future that has the potential of unfolding into a national environmental disaster if not addressed now. He felt that land occupied by squatters could be considered "dead capital" as it could not be used for value or capital increase. In Jamaica 20-33% of the land is occupied by squatters and these squatter communities are often located in fragile environmental areas, close to water ways, on arable land and on government owned lands. Squatter communities bring people together for common social interests such as security, shelter and a sense of community but they also result in social disadvantages such as absorbing migrants, associated criminal activities and the removal of options for development or other uses.

The question posed by Dr Wade: people have to live somewhere so what is the future of squatting in Jamaica? He suggested that an integrated multidisciplinary approach was required to bring people together (charrette style) to address this problem. He suggested that this is one issue that EPs in general and the JIEP in particular could seek to highlight and address.

The JIEP has invited Dr Wade to speak further on Squatting in Jamaica at our Speakers' Forum scheduled for later this year.

**Marcia Creary, President 2010-2012**

## JIEP Spotlight

**Dr. Claude Davis** was an outstanding Jamaican, scientist, sportsman and human being. He was an avid supporter of JIEP and contributed enormously to the development of Environmental Standards in Jamaica. He assisted the JIEP in establishing its professional certification programme and delivered tutorials on air quality to the first cohort of applicants.

He attended Jamaica College (JC) from 1955-1961 and became Head Boy in 1961. Active in sports, he was goalkeeper of the 1961 Manning Cup and Olivier Shield Football championship team, of which he was captain, and only conceded three goals during the successful campaign. He went on to captain the Jamaica All Schools' Football team which toured Haiti and Puerto Rico in 1962. He was also captain of the JC cricket team and a member of the Jamaica All Schools cricket team which played against Barbados in 1961.

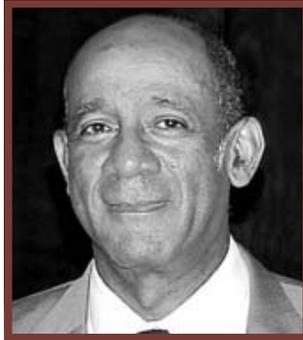
He taught briefly at JC before commencing his studies at UWI, where he was awarded first class honours in special chemistry, a Doctorate in Chemistry and a Diploma in Management Studies. He went on to be a Lecturer at UWI, where he supervised the first postgraduate degrees in Environmental chemistry awarded by UWI in 1978, long before the field enjoyed the present level of popularity. He was a Postdoctoral Fellow at University of Calgary, and part time Lecturer at the University of Toronto (U of T). He was also Visiting Professor in Environmental Management, UWI Centre for Environment and Development.

The late **Dr. Raymond Wright** could be described as a professional's professional. In a lifetime of just over three score and ten, this Caribbean man accomplished feats in the world of science that would otherwise require several lifetimes.

As a teenager he received a distinction in the CSCE - Advanced Level Geology. He went on to further his education at Durham University (BSc), London University (MSc and MPhil) and Stanford University (PhD). By thirty-three he held the position of Commissioner of Mines and by thirty-nine he was a founding member and Director of Exploration at the newly formed Petroleum Corporation of Jamaica, an entity for which he served until his passing. Over the next three decades his wide and strategic knowledge base and leadership in energy matters brought Jamaica into the renewable energy spotlight.

He delivered over 120 presentations and published papers at different settings mostly on energy, published two books on energy "Jamaica's Energy, Old Prospects, New Resources" and "Energy, the New Agenda" and co-authored one on geology - "Biostratigraphy of Jamaica". He was also a Lead Author on a special report "Renewable Energy Sources and Climate Change Mitigation", published by the IPCC in April 2011.

He was consulted by many countries (including Jamaica, Nicaragua, Nepal, Norway, Netherlands several Caribbean nations) and international organizations (such as the UN,



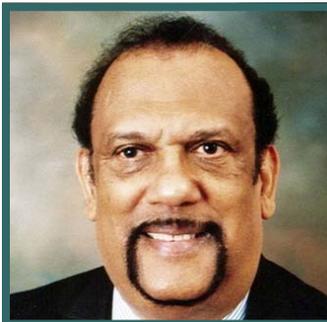
*Dr. Claude Davis*

He was a Director of several organizations and in recent years, was Principal Consultant of Claude Davis and Associates, which he founded. In 2001, he was appointed a member of the Board of Governors of the University of Toronto for a three year term and was re-appointed for three successive terms. He was also Chair of the U of T University Affairs Board from 2006 - 2009. In 2010, Davis was honoured with a U of T Arbor Award established in 1989 to recognize alumni volunteers. In addition to completing the maximum nine years as a governing council government appointee and serving on the Affairs Board, he also served on the university's Business and Academic boards.

As a Scientist, Dr. Davis's contribution to the development of Jamaica's environmental legal framework was vast, and too much to relate here. However, highlights include the development of Air Quality Standards and Environmental Regulations and Strategies for their Implementation; and draft stack emission standards and motor vehicle emission standards. He also drafted the trade effluent and industrial sludge and sewage sludge regulations and standards for Jamaica; updated the hazardous waste management policy framework; and developed regulations in support of the phase out of leaded gasoline.

Claude leaves behind his wife, Marcia, sons Kevin and Dean, grandchildren, brothers and sisters.

*Donovan Rose, JIEP Member*



*Dr. Raymond Wright*

Commonwealth Secretariat, OAS, ECS) on petroleum matters.

He served as a member of many professional associations including the Geological Society of Jamaica, American Association of Petroleum Geologist and Jamaica Society of Scientists and Technologists. He also received many honours including the Commander the Order of Distinction from the Government of Jamaica (1989), the Chubb Awards for Excellence in the Geological Sciences (1993), Pioneer in Renewable Energy from the World Renewable Energy Congress (2002), the Inaugural CARICOM Science Award and Medal of Dedication to Developing the Areas of Earth Science (2006) and the Jamaican National Medal for Science and Technology (2008).

Amazingly, most of these achievements occurred while he was blind in one eye and then later lost sight in both eyes for the remaining 5 years before his passing. How did he do it? Driven by purpose to change and impact his world he found ways and people who would help him to get around these otherwise devastating losses. His wife Dr Carmen Bowen-Wright, son Mathew, assistant Gina-lee Lawrence and driver Dwight became his eyes and ears while writing, presenting and travelling the world. Dr. Wright would have much to boast about; however, he normally maintained a humble disposition, giving away information liberally and serving those who were also on their professional journey.

*David Barrett, JIEP Member*

## Past Events

### JIEP AGM 2011

Environmental Management Division, Kingston - July 28, 2011



The AGM commenced with the welcome, apologies for absence and confirmation of minutes given by Krishna Desai (Council Member). Subsequent to this, JIEP President, Marcia Creary reported on the JIEP activities over the past year and Sean Townsend (JIEP Treasure) presented the financial report.

The key agenda items were as follows:

- Nominations to Council - Three new Council members were elected, namely Miss Michelle McNaught, Dr. Ava Maxam and Miss Tamia Harker (please see page 4, Dear JIEP).
- Proposed Amendment to Membership Fees - The new fee structure proposed by Council was adopted at the July AGM (please see Member's Corner, page 4).

Dr Barry Wade, recipient of the JIEP 10th Anniversary Life Time Achievement Award was the guest speaker at the AGM and details of this speech may be seen on page 1. The meeting ended with closing remarks and all members present enjoyed refreshments after the meeting had ended.

## October Events

- October** National Tree Planting Day (October 1)
- National Wood & Water Day (October 2)
- World Habitat Day (October 3)



### Plant a Tree on National Tree Planting Day!

Ornamentals and hardwood species are available FREE or at a minimal cost at the Forestry Department. Distribution begins September 23, 2011 for the October 1, 2011 National Tree Planting Day. Please contact the Forestry Department to secure your seedlings. Or further details please visit: <http://www.forestry.gov.jm/>



## Getting to know the JIEP Categories of membership in JIEP

Membership is open to persons who have been engaged in work directly related to environmental management, environmental law, planning, impact assessment, environmental protection, environmental education, or environmental compliance, including such activities as permitting, compliance auditing, regulatory review, research, teaching, engineering, design, quality assurance, and implementation of environmental protection and control. The below table lists the four categories of membership along with relevant information regarding qualifications and voting rights. A new fee structure was decided at the 2011 AGM and will become effective as of January 2012. Please see Member's Corner (pg. 4) for details regarding payment of membership dues.

Category	Minimum Qualifications and Relevant Experience	Voting Rights
Student	Enrolled in a tertiary institution & pursuing a Bachelors degree in an environmental field	No voting rights at AGM
Associate	<ul style="list-style-type: none"> <li>• Bachelors degree and less than 5 years experience, or</li> <li>• Relevant diploma or associate degree, or</li> <li>• Possesses generally accepted specialist expertise &amp; experience in an environmental field</li> </ul>	No voting rights at AGM
General	<ul style="list-style-type: none"> <li>• Bachelors degree + 5 years experience, or</li> <li>• Masters degree + 3 years experience, or</li> <li>• Ph.D. degree + 2 experience year</li> </ul>	Has voting rights at AGM
Honorary	Recommended by Council and ratified by membership for outstanding contribution in the field of environmental management.	No voting rights at AGM if not previously a member

## Dear JIEP Who are the newest elected Council members?



A member of the JIEP and Jamaica Coral Reef Monitoring Network, **Ms. Michelle McNaught** has a B.Sc. in Zoology and Botany (Double major) and a M.Sc. degree in Tropical Ecosystems and Assessment Management and is involved in project management. As a Scientific/Research Diver she is trained in several regional and international reef assessments methodologies including Atlantic and Gulf Rapid Reef Assessment (AGRRA), Reef Check and Caribbean Coastal Marine Productivity Program. Ms. McNaught is currently the Fisheries Manager/Ecologist on the Improving Jamaica's Agricultural Productivity Project.



**Dr. Ava Maxam** joined the JIEP in 2011. She completed PhD studies in Oceanography at the University of the West Indies where she also obtained a Bachelor's degree (Hons) in Zoology and Botany. Her range of professional experience spans the environmental field, from 3D hydrodynamic modelling to environmental impact studies of Jamaica's coastline. She is currently the Deputy Directory of the Mona Geoinformatics Institute where she manages the projects and programming units of MGI, as well as develops and coordinates GIS training for the institute.



**Ms. Tami Harker** is an Environmental Scientist with a Bachelor of Science (BSc) in Environmental Science (honours) from the University of the West Indies (2005). Tami has more than four years experience in the environmental field in areas such as Natural Resource Management, Environmental Monitoring and Marine Ecology. Tami also has extensive knowledge in sea turtle biology and conservation and is a Certified British Sub-Aqua Club (BSAC) Sports Diver.

## Environment in the News

Paper, plastic recycle bins for the public:

[http://www.jamaicaobserver.com/environment/Paper--plastic-recycle-bins-for-the-public\\_9809335](http://www.jamaicaobserver.com/environment/Paper--plastic-recycle-bins-for-the-public_9809335)

Jamaicans support coastal clean up efforts:

[http://www.jamaicaobserver.com/environment/Jamaicans-support-coastal-clean-up-efforts\\_9821005](http://www.jamaicaobserver.com/environment/Jamaicans-support-coastal-clean-up-efforts_9821005)

Unprecedented Arctic Ozone Loss Occurred Last Winter:

<http://www.sciencedaily.com/releases/2011/10/111003094402.htm>

Measuring Global Photosynthesis Rate: Earth's Plant Life 'Recycles' Carbon Dioxide Faster Than Previously Estimated:

<http://www.sciencedaily.com/releases/2011/09/110928222003.htm>

Heroes of the Environment 2009:

[http://www.time.com/time/specials/packages/article/0,28804,1924149\\_1924151,00.html](http://www.time.com/time/specials/packages/article/0,28804,1924149_1924151,00.html)

Pacific nation declares state of emergency over water shortage:

<http://www.guardian.co.uk/world/2011/oct/03/pacific-nation-state-emergency-water>

## Member's Corner

### New Membership Fees for January 2012

Please note that the new membership fee structure will come into effect in January 2012. Details regarding this, in addition to invoices for memberships dues will be sent via email to all JIEP members in November 2011. Payment can be made at any branch of the Bank of Nova Scotia, Account No: 820609, Liguanea Branch (90365). If you pay your dues at a branch, kindly provide the Secretariat/Council Member with a copy of the lodgement slip via e-mail or photocopy.

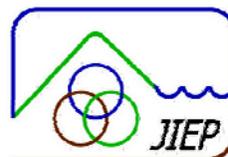
*A tree is beautiful, but what's more, it has a right to life; like water, the sun and the stars, it is essential. Life on earth is inconceivable without trees. Forests create climate, climate influences peoples' character, and so on and so forth. There can be neither civilization nor happiness if forests crash down under the axe, if the climate is harsh and severe, if people are also harsh and severe.... What a terrible future!*

**Anton Pavlovich Chekhov (1860–1904), Letter to A.S. Suvorin, October 18, 1888**

## Editor's Note

*This is the 4th issue of the Environmental Professional Quarterly (EPQ) for the year 2011 with one remaining newsletter for this year due in December. As usual, looking forward to your feedback, articles, photographs or questions via email (jiepsec@gmail.com).*

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