

2015 Environmental Paper Award

HKIE Environmental Division

1. BACKGROUND

1.1 This Award is established in memory of the late Ir Peter H K Chan, a past Chairman of HKIE's Environmental Division.

2. OBJECTIVE

2.1 The primary objective of the Award is to recognize engineers' efforts in any environmental research and projects in which environmental pollution control and sustainable development, such as reduction of greenhouse gas emission, use of renewable energy, minimization of energy consumption in buildings, carbon audit and management, waste recovery and recycling, solid waste management, water and wastewater treatment, and environmental impact assessment are fully considered and properly addressed. This Award is intended to encourage widespread emergence of environmentally sound projects.

3. RULES

3.1 This Award is open to all classes of HKIE member.

3.2 Each author can only submit one entry. At least one of co-authors must be HKIE member.

3.3 Authors should obtain approval from relevant parties relating to any information and/or data to be published in their papers.

3.4 Members of the Judging Panel are not eligible to submit any paper either as sole author or as co-author.

3.5 The papers should not have been previously published or released in any format.

4. PAPER

4.1 The Award recognizes excellence in engineering projects and research papers for solving environmental problems with demonstrated sound environmental performance or for proposing conceptual/innovative ideas. The contents of the paper should include, but are not limited to:

- ✧ Key environmental issues
- ✧ Environmental considerations given
- ✧ Approach to avoid, minimize and/or mitigate environmental impacts
- ✧ Environmental technologies or methodologies applied or proposed
- ✧ Environmental performance and its engineering implication

4.2 Submitted papers will be assessed taking account of the following aspects:

- ✧ Innovation
- ✧ Environmental performance
- ✧ Contribution to sustainable development
- ✧ Comprehensiveness and coverage
- ✧ Logical arguments
- ✧ Presentation and clarity (oral presentations are expected for short listed submissions)

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5. JUDGING PANEL

5.1 The Award Judging Panel comprises the following academia and professionals in the institution and industry:

- ✧ Ir Dr Alicia K. J. An, City University of Hong Kong
- ✧ Ir Dr Alex Gbaguidi, Build King Holdings Ltd.
- ✧ Ir T. Y. Ip, HK Electric Co. Ltd.
- ✧ Ir Anthony Kwan, Environmental Division of HKIE
- ✧ Ir Stephen Lee, Tonjun Consultants Ltd.
- ✧ Ir Prof Irene M. C. Lo, Hong Kong University of Science and Technology
- ✧ Ir P. C. Lo, CLP Power HK Ltd.
- ✧ Ir Dr Louis Lock, HK Electric Co. Ltd.
- ✧ Ir Prof C. S. Poon, Hong Kong Polytechnic University
- ✧ Ir Dr Tong Zhang, The University of Hong Kong

6. PRIZE

6.1 There will be one Champion Prize and one First Runner-up Prize for engineering project or research paper.

6.2 The Champion Prize will be HK\$10,000 in cash plus an Award Certificate.

6.3 The First Runner-up Prize will be HK\$5,000 in cash plus an Award Certificate.

6.4 Other than these two prizes, a “Certificate of Merit” will be presented to the outstanding papers.

7. BEST PAPER

7.1 The winning papers may be recommended for publication in the Hong Kong Engineer or HKIE Transactions.

7.2 The Division will have the copyright to post the paper on the Division web-site or other media for non-profit making purposes.

8. SUBMISSION

8.1 The submission shall include:

Electronic submission of the manuscript with a separate information sheet detailing the paper title, author's full name, organization, postal address, contact telephone number and email address to Ir Anthony Kwan at akwan@gmail.com, followed by a hard copy to:

Ir Anthony Kwan, c/o Environmental Division, HKIE HQ, 9/F Island Beverley, Causeway Bay, Hong Kong on/before 15th March 2015

8.2 The manuscript should be prepared according to the format of the HKIE transactions.

8.3 Results of the Award will be announced in early April 2015. The presentation of prizes will be held in AGM of HKIE Environmental Division in April 2015, and the winners will be arranged to give seminars of their awarded papers to HKIE in May/June 2015.

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9. ENQUIRY

For enquiries, please contact Ir Anthony Kwan at 9356 4628.