

# Cross-Border Environmental Protection between Hong Kong and Guangdong Province

盧永鴻教授

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# Nature of the Research

- ❑ Cross-border environmental policy research: funded by the Public Policy Research Institute, The Hong Kong Polytechnic University
- ❑ Focus: Hong Kong's emerging efforts to address seriously cross-border environmental protection issues
- ❑ Research theme: cross-border environmental protection problems and possible collaboration
- ❑ Research effort: intervarsity and cross-border research collaboration
- ❑ Contribution: cross-jurisdiction environmental protection



# Major Research Areas

- ❑ Cross-border environmental management system
- ❑ Cross-border water pollution control: Dongjiang water
- ❑ Cross-border air pollution control: the energy sector and vehicle emission
- ❑ Transboundary EIA for construction and development project
- ❑ Circular economy: e-waste

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# Research Objectives

- ❑ Taking a regional perspective on regulatory control of pollution, this project aims to
  - examine the structure of cross-border environmental problems
  - assess the performance of the current regulatory regime
  - identify the institutional constraints for effective collaboration
  - chart out the future prospect of cross-border environmental governance
  - formulate a policy regime containing possible policy options for cross-border environmental protection



# The Research Team

- ❑ Prof. Carlos Lo, The Hong Kong Polytechnic University
- ❑ Dr. Y.S.F. Lee, The University of Hong Kong
- ❑ Prof. K.C. Ho, The Open University of Hong Kong
- ❑ Dr. Alex English, Chinese University of Hong Kong
- ❑ Dr. Shan-shan Chung, The Baptist University
- ❑ Dr. Arnold Howitt, Harvard University

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# Cross-border Collaboration

- ❑ South China Research Institute of Environmental Science
  - Ms. X.L. Ma – team leader

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# Major research activities

- Cross-border Environmental Protection – close to completion
- NGOs participation in cross-border environmental protection – manuscript under preparation
- \*Dongjiang water management – manuscripts under preparation
- Emissions trading for the control of air pollution from power plants in the Pearl River Delta Region – close to completion
- Transboundary EIAs – close to completion
- Vehicular emissions control in the Pearl River Delta – under investigation
- The control of e-waste – under investigation

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# Major Events Undertaken

- ❑ The International Conference on Enhancing Cross-Border Environmental Cooperation, jointly organized with Open University of Hong Kong and Research Institute of South China Environmental Science, on 15-16 June 2007. Conference programme is attached for reference.
- ❑ Presented a paper on emissions trading in China in the International Conference on Enhancing Cross-Border Environmental Cooperation, Law School, Zhongshan University, on 15-16 December 2007. Conference Proceedings
- ❑ Dongjiang Water Management Workshop, The Hong Kong Polytechnic University, 21 December 2007.
- ❑ Presented a paper on the control of vehicular emissions and health in Environment and Health Workshop in China, University of Hong Kong, 17-20 April 2008.





# Major Written Papers

- ❑ Lee, Y.S.F. A New Era of Cross-border Cooperation? The Intensification of Hong Kong-Guangdong Collaboration in Tackling Transboundary Environmental Problem.
- ❑ Lo, C.W.H., Wong, N.W.M. and Lee, Y.S.F. 2007. On Hong Kong Green NGOs' Participation in Cross-Border Environmental Protection. Published in the Green Peace website in a collection of articles from an NGOs workshop held in August 2007.
- ❑ Lee, A.K.Y. and Lee, Y.S.F. 2007. The Policy on Vehicular Emission and Its Implementation. Conference paper, June 2007.
- ❑ X.L. Ma, Lee, Y.S.F. and Ho, K.C. 2007. The Institutional Building of Ecological Compensation Decision. Conference paper, June 2007.
- ❑ Lee, Y.S.F., Ma, X.L. and Ho, K.C. 2007. On Integrated River Management in the Management of Dongjiang Water. Conference paper, June 2007.
- ❑ Lo, C.W.H. and Chen, H.L. 2007. The Control of Power Plants and Emissions Trading in China. Conference paper, December 2007.
- ❑ Lee, Y.S.F., English, A. and Lo, C.W.H. 2007. The Management of Dongjiang Water. Conference paper, December 2007.



# Manuscript under preparation

- ❑ Two papers on Dongjiang water management
  - On bureaucratic bargaining
  - On integrated water management within the context of tiao-kuai
- ❑ HKNGOs cross the border
- ❑ A book manuscript on cross-border environmental protection between Hong Kong and Guangdong Province

