

Prof. Albert CHAN

Ir Prof. Albert P.C. CHAN



***Chair Professor
(Head of BRE)***

Research and Teaching Interests:

- Project management and project success
- Project Finance & Public Private Partnerships (PPP)
- Construction Procurement & Relational Contracting
- Construction Industry Development
- Construction Health and Safety

Expert Appointments:

- ✓ Member, Senate, The Hong Kong Polytechnic University
- ✓ Member, Academic Planning Committee

List of Current Projects Related to the Sustainable City

Name (PI): Prof. Albert P.C. CHAN

Funding: Block Grant Except CRG

Title: Effecting a Safe, Healthy, and Productive Environment (eSHAPE) for the Construction Industry

Grant: HK \$500,000 Expected Completion: 31-Dec-2017

Name (PI): Prof. Albert P.C. CHAN

Funding: Central Research Grant

Title: Developing a Personal Cooling System for Combating Heat Stress in the Construction Industry

Grant: HK \$ 335,000 Expected Completion: 22-Feb-2018

Name (PI): Prof. Albert P.C. CHAN (Co-I): Prof. Francis K.W. WONG & Prof. Yi LI
Funding: RGC General Research Fund
Title: Developing a Personal Cooling System (PCS) for Combating Heat Stress in the Construction Industry
Grant: HK \$836,450 Expected Completion: 31-Dec-2016

Name (PI): Prof. Albert P.C. CHAN
(Co-I): Prof. Daniel Chow, Joanne Chung, Francis Wong
Funding: Construction Industry Council (CIC)
Title: Pilot medical examination scheme for construction workers
Grant: HK \$748,362 Expected Completion: 30-Jun-2016

Name (PI): Prof. Albert P.C. CHAN
Funding: RGC General Research Fund
Title: Anti Heat Stress Clothing for Construction Workers in Hot and Humid Weather
Grant: HK \$980,375 Project Status: In Progress

Prof. Heng Li

Prof. Heng Li



Chair Professor

Research and Teaching Interests:

- Construction Virtual Prototyping Technology
- Construction Information Technology
- Construction Management and Innovative Technology
- Construction Technology

Expert Appointments:

- ✓ Academic Discipline Leader of Information and Construction Technology
- ✓ Virtual Prototyping Laboratory Manager
- ✓ Director, Research Centre for Construction Innovation



Prof. Heng LI

List of Current Projects Related to the Sustainable City

Name (PI): Prof. Heng LI

Funding: [Hong Kong Government](#)

Title: **Waistband Enabled Construction Workers Low Back Health Monitoring System**

Grant: **HK \$1,274,350** **Expected Completion:** 20-Sep-2017

Name (PI): Prof. Heng LI

Funding: [Hong Kong Government](#)

Title: **Location-based Technologies for Asset Tracking and Risk Management (ITT/004/15LP)**

Grant: **HK \$3,067,580** **Expected Completion:** 30-Jul-2016

Name (PI): Prof. Heng LI

Funding: [Hong Kong Government](#)

Title: **The Effect of Isomorphic Pressure for BIM in Hong Kong Construction Industry**

Grant: **HK \$470,695** **Expected Completion:** 31-Aug-2016



Prof. Heng LI

Name (PI): Prof. Heng LI

Funding: Hong Kong Government

Title: **Location-based Technologies for Asset Tracking and Risk Management**

Grant: **HK \$4,909,500** **Expected Completion:** 30-Jul-2016

Name (PI): Prof. Heng LI

Funding: Block Grant except CRG

Title: **RISUD Matching Grant for Location-based Technologies for Asset Tracking and Risk Management**

Grant: **HK \$400,000** **Expected Completion:** 30-Jul-2016

Name (PI): Prof. Heng LI

Funding: RGC General Research Fund

Title: **Proactively Monitoring Construction Progress by Integrating 3D Laser-scanning and BIM**

Grant: **HK \$717,894** **Expected Completion:** 30-Sep-2017

Prof. Geoffrey SHEN

Prof. Geoffrey Q.P. SHEN



Chair Professor

Research and Teaching Interests:

- Construction Project Management
- Collaborative Working in Construction
- Value Management and Partnering
- Construction Information Technology
- Sustainable Development and Construction
- Research and Consultancy Techniques

Expert Appointments:

- ✓ Scheme Chairman, Postgraduate Scheme in Construction and Environment
- ✓ Chairman, Learning and Teaching Committee of Faculty of Construction and Environment

List of Current Projects Related to the Sustainable City

Name (PI): Prof. Geoffrey Q.P. SHEN

(Co-I): Prof. Martin SKITMORE

Funding: RGC General Research Fund

**Title: Analyzing Stakeholder-organization Relationships in Mega Construction
Projects: A Social Network Approach**

Grant: HK \$1,135,634 Expected Completion: 30-Jun-2016

Name (PI): Prof. Geoffrey Q.P. SHEN

Funding: Block Grant except CRG

**Title: A Study of Plot Ratio/Building Height Restrictions for Kai Tak
Development Using 3D Spatial Analysis Technology**

Grant: HK \$260,000 Expected Completion: 30-Jun-2016

Name (PI): Prof. Geoffrey Q.P. SHEN

Funding: Central Research Grant

Title: Stakeholder Analysis in Major Construction Projects: A Social Network Perspective

Grant: HK \$555,000 Expected Completion: 31-Aug-2016

Name (PI): Prof. Geoffrey Q.P. SHEN

Funding: Central Research Grant

Title: Design and evaluation of large scale green buildings in China

Grant: HK \$1,374,280 Expected Completion: 30-Apr-2017

Name (PI): Prof. Geoffrey Q.P. SHEN

Funding: Innovation and Technology Fund

Title: **RFID-Enabled Building Information Modeling (BIM) Platform for Prefabrication Housing Production in Hong Kong**

Grant: **HK \$2,494,500** **Expected Completion:** 15-Mar-2016

Name (PI): Prof. Geoffrey Q.P. SHEN

Funding: NSF China

Title: **I3E-GRD: Integrated, Intelligent and Innovative e-Engineering Environment for Green Retrofit Design of Commercial Buildings**

Grant: **HK \$636,026** **Expected Completion:** 31-Dec-2016

Name (PI): Prof. Geoffrey Q.P. SHEN

(Co-I): Prof. Edwin H.W. CHAN, Prof. L.Y. SHEN, Prof. B.S. TANG

Funding: Hong Kong Others

Title: **Developing an Integrated Collaborative Platform for Sustainable Urban Renewal: A Pilot Study**

Grant: **HK \$600,000** **Expected Completion:** 31-Aug-2016

Prof. Edwin H.W. CHAN



**Associate Head
(Research)**

Research and Teaching Interests:

- Real Estate development control
- Green/Healthy building
- Construction law/Dispute management
- Policy and regulatory for construction and Real Estate
- Construction Contracts

Expert Appointments:

- ✓ Expert panel member, ESCAP, Environment and Development Division, United Nations , 2014-2015.
- ✓ Coordinator of Task Group TG79 of the International Council for Research & Innovation in Building and Construction (CIB)

List of Current Projects Related to the Sustainable City

Name (PI): **Prof. Edwin H.W. CHAN**

Funding: **Block Grant Except CRG**

Title: **Flagship-Led Urban Renewal: A Catalyst for Change**

Grant: **HK \$250,000** Expected Completion: 31-Jan-2018

Name (PI): **Prof. Edwin H.W. CHAN**

Funding: **Block Grant Except CRG**

Title: **Comparative Study of Transit-Oriented Development and Urban Renewal in Dense Cities**

Grant: **HK \$200,000** Expected Completion: 31-May-2016

Name (PI): **Prof. Edwin H.W. CHAN** (Co-I): **Prof. Craig LANGSTON**

Funding: **RGC General Research Fund**

Title: **A Framework for the Analysis of Embodied Carbon and Construction Cost of Heritage Conservation Projects**

Grant: **HK \$716,659** Expected Completion: 31-Dec-2017

Name (PI): **Prof. Edwin H.W. CHAN**

Funding: **RGC General Research Fund**

Title: **Social Considerations in Planning Public Open Space to Integrate Elderly People in Urban Renewal**

Grant: **HK \$1,208,580** Expected Completion: 30-Jun-2016

Name (PI): **Prof. Edwin H.W. CHAN**

Funding: **Central Research Grant**

Title: **Public Open Space Regenerative design Integrating the Consideration of Elderly People**

Grant: **HK \$315,000** Expected Completion: 24-Feb-2017

Name (PI): **Prof. Edwin H.W. CHAN** (Co-I): **Prof. Ghani KHALID**

Funding: **Hong Kong Government**

Title: **Cost-benefit-analysis (CBA) for Implementing Green Buildings (GB) Promotion Incentives: With Transaction Costs (TCs) Considerations**

Grant: **HK \$ 1,206,695** Expected Completion: 30-Jan-2017

Name (PI): Prof. Edwin H.W. CHAN

Funding: Block Grant Except CRG

Title: **Evaluating Public Open Spaces in High Density Areas for Low Carbon Cities:A Case of Hong Kong**

Grant: **HK \$315,000** Expected Completion: 30-Sep-2016

Name (PI): Prof. Edwin H.W. CHAN

(Co-I): Prof. William H.K. LAM, Prof. Michael K.W. SIU, Prof. Tunney LEE

Funding: Block Grant Except CRG

Title: **Study of Density and Community Facilities for Neighborhood Planning: Part of a Larger Research Project on Re-defining the Density of City**

Grant: **HK \$381,700** Expected Completion: 23-Dec-2016

Name (PI): Prof. Edwin H.W. CHAN

Funding: Hong Kong Others (CII-HK)

Title: **Indicators in the Construction Industry for Enhancing Low Carbon Emissions in the Development of a Compact City**

Grant: **HK \$300,000** Expected Completion: 25-Mar-2016

Prof. Y.H. CHIANG



**Associate Head
(Teaching)**

Research and Teaching Interests:

- Construction economics
- Real Estate finance & investment
- Strategic management

Expert Appointments:

- ✓ Chairman/Scheme Chair - Undergraduate Programmes
- ✓ Academic Advisors & Dept. Teaching & Learning Committee Chair

List of Current Projects Related to the Sustainable City

Name (PI): Prof.Y.H. CHIANG

Funding: RGC General Research Fund

Title: Less is More in the Construction Industry: Less Working Days for More Safety and More Recruits

Grant: HK \$834,946 Expected Completion: 31-Dec-2018

Name (PI): Prof.Y.H. CHIANG

Funding: Central Research Grant

Title: Sustainable Development of the Construction Industry

Grant: HK \$155,000 Project Status: In Progress

Prof. Eddie C.M. HUI, MH



Research and Teaching Interests:

- Housing Studies
- Project Appraisal/Economic Analysis
- Property Management
- Real Estate Investment and Finance

Expert Appointments:

- ✓ Deputy Director, Research Centre for Construction and Real Estate Economics
- ✓ Discipline Leader, Economics/Real Estate
- ✓ Program Director, Executive Diploma in Shopping Centre Management

List of Current Projects Related to the Sustainable City

Name (PI): **Prof. Eddie C.M. HUI** (Co-I): **Prof. K.W. CHAU & Prof. Heung WONG**

Funding: **RGC General Research Fund**

Title: **Property Market Sentiment and the Return of Residential Properties**

Grant: **HK \$107,247.3** Expected Completion: 14-Apr-2016

Name (PI): **Prof. Eddie C.M. HUI**

Funding: **Central Research Grant**

Title: **Departmental General Research Fund, Enhancement and Development of Economics Discipline**

Grant: **HK \$95,709.25** Expected Completion: 14-Jun-2016

Name (PI): **Prof. Eddie C.M. HUI**

Funding: **Hong Kong Others**

Title: **Sustainable Urban Development in Greater China: Sustainability and Stability**

Grant: **HK \$600,000** Expected Completion: 26-Aug-2016

Prof. Francis K.W. WONG



Research and Teaching Interests:

- Construction Safety Management
- Affordable Housing Development
- Construction Process Management
- Construction and Project Management
- Housing Studies

Expert Appointments:

- ✓ Award Coordinator, BSc (Hons) in Property Management
- ✓ Director, Research Centre for Construction and Real Estate Economics
- ✓ CIB Departmental Representative

List of Current Projects Related to the Sustainable City

Name (PI): Prof. Francis K.W.WONG

Funding: Central Research Grant

Title: Housing for the Elderly in Hong Kong - Affordability and Preferences

Grant: HK \$155,000 Expected Completion: 30-Sep-2016

Name (PI): Prof. Francis K.W.WONG

Funding: Central Research Grant

Title: Housing for the Elderly in Hong Kong - Affordability and Preferences

Grant: HK \$155,000 Expected Completion: 30-Sep-2016