

A Review of Publications on International Construction for the Past Two Decades

Chuan Chen

University of Melbourne, Australia

George Ofori

National University of Singapore, Singapore

Introduction

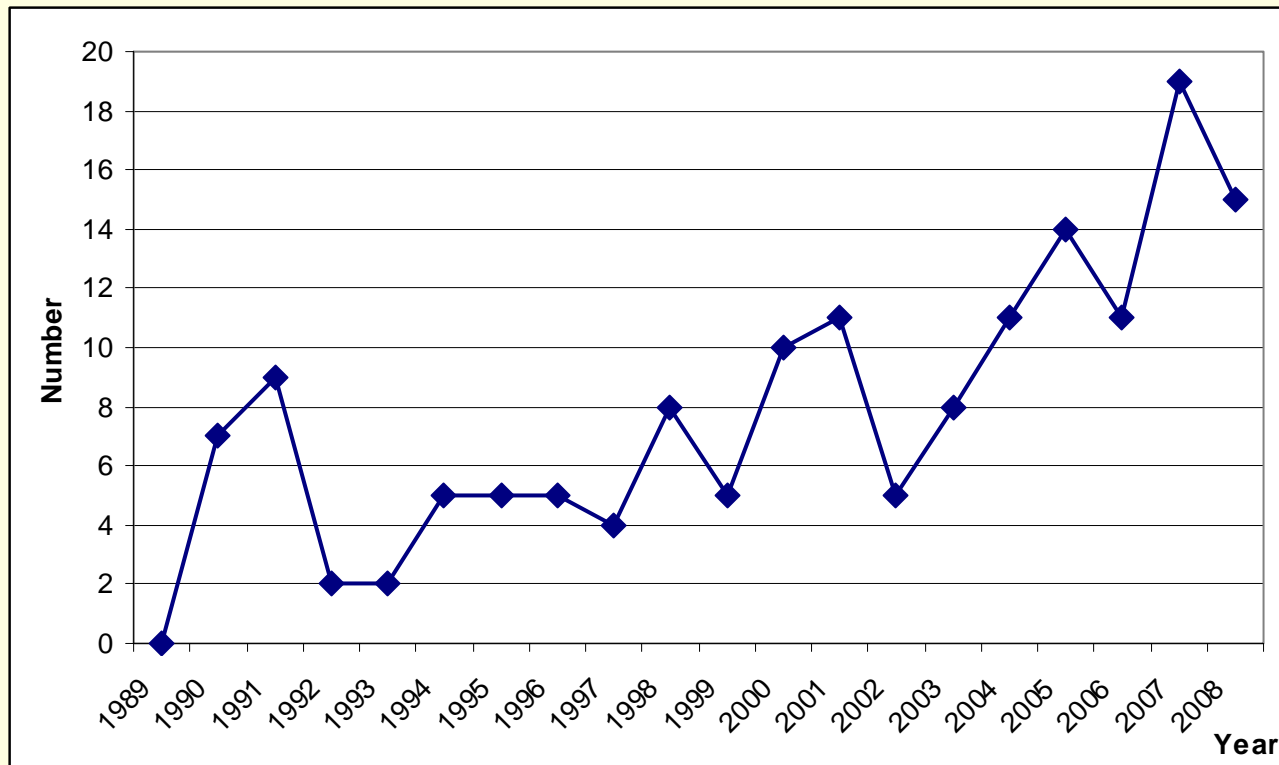
- Objective
- Scope and methodology
- Data collection (157 papers)
- Analysis
- Conclusion and limitation



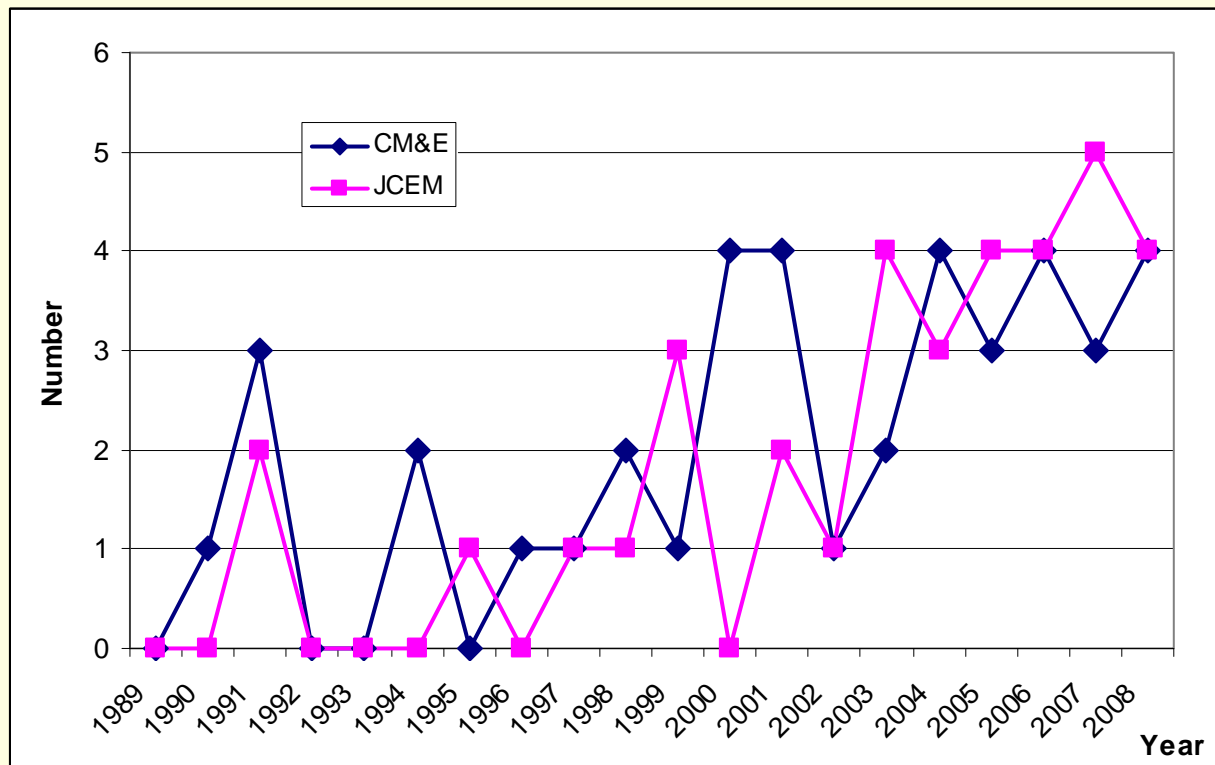
By Journal

Journal	Paper No.
Construction Management & Economics	40
Journal of Construction Engineering and Management	35
International Journal of Project Management	21
Journal of Professional Issues in Engineering Education and Practice	15
Journal of Management in Engineering	14
Engineering, Construction and Architectural Management	10
Building Research & Information	8
Habitat International	5
Canadian Journal of Civil Engineering	4
Automation in Construction	3
Management Decision	2
Total:	157

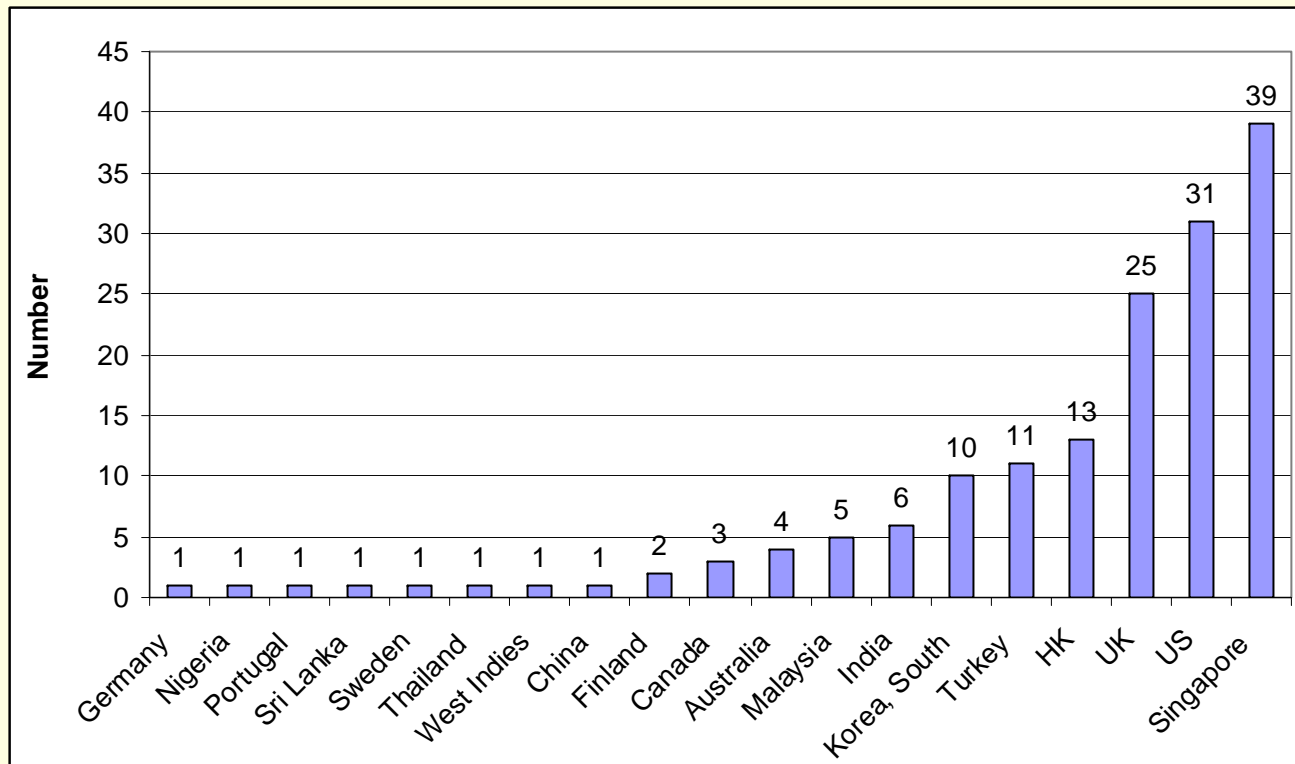
Chronology of publication volume



The top two: ASCE JCEM & CME



By home country of the first author



(*Only first authors are counted.)

Who are they?

Author	Current affiliation	Country	Number of papers
Ling, Florence Yean Yng	National University of Singapore	Singapore	10
Low, Sui Pheng	National University of Singapore	Singapore	9
Han, Seung H.	Yonsei University	Korea, South	8
Abdul-Aziz, Abdul-Rashid	Universiti Sains Malaysia	Malaysia	5
Chan, Edwin H. W.	Hong Kong Polytechnic University	China	5
Dikmen, Irem	Middle East Technical University	Turkey	5
Wang, Shou Qing	Tsinghua University	China	5
Cuervo, Javier C.	Macau University	China	4
Ofori, George	National University of Singapore	Singapore	4
Ozorhon, Beliz	Middle East Technical University	Turkey	4
Yates, Janet K.	North Dakota State University	United States	4

(*Only first authors are counted.)

Who favours where?

Author location	Market studied	Number of papers
Singapore	China	10
HK	China mainland	5
UK	China	5
Singapore	Singapore	3
US	Russia	2
US	Afghanistan	1
HK	Asia	1
UK	Asia	1
Thailand	Asia	1
India	Canada	1
Canada	Caribbean	1
Taiwan	China mainland	1
US	China	1
Singapore	East Asia	1
US	East Europe	1
UK	Europe	1
India	India	1
India	Japan	1
Malaysia	Malaysia	1
Germany	Russia	1
Singapore	Southeast Asia	1
UK	Tanzania	1
UK	Turkey	1
India	US	1
Australia	China	1

The markets the publication specifically covers

Country market	Number of papers
China	24
Russia	5
Singapore	3
Afghanistan	1
Canada	1
Caribbean	1
HK	1
India	1
Japan	1
Malaysia	1
Tanzania	1
Turkey	1
US	1

Regional market	Number of papers
Europe	3
Central and Eastern Europe	2
East Europe	1
Asia	5
East Asia	1
Southeast Asia	1

Developing countries	12
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The contractors the publication specifically covers

Contractor	Number of papers
American	6
British	6
Chinese	9
European	1
Indian	1
Japanese	1
Singaporean	5
Turkish	1

■ Who favours whom?

Author location	Contractor studied	Number of papers
UK	British	6
Singapore	Singaporean	5
US	American	4
Singapore	Chinese	4
HK	Chinese	2
Malaysia	American	1
China	Chinese	1
UK	European	1
Finland	Finnish	1
Malaysia	Japanese	1
Turkey	Turkish	1

Strategy and environment issues

Strategy/Business model	Number of papers
Strategy	5
Entry mode	3
M&A	1
SWOT	3
Market entry	1
Technology transfer	3
Joint venture	12
BOT/PFI/PPP	8
Competitiveness	12
Competence	1
Internationalization	6

Market study	Number of papers
Trend	5
Market structure	4
Competition	2
Globalization	3

Market entry issues	Number of papers
Entry in general	3
Bid/No-bid	3
Go/No-Go	5
Market entry	1
Entry mode	3

Project management and performance

Performance	Number of papers
Performance	12
Cost	4
Schedule	1
CSF	7
Quality	1
Safety	1

Risk	Number of papers
Risk	26
Risk (legal)	1
Risk (political)	1
Risk (revenue)	2
Risk(exchange)	1

Project management areas	Number of papers
Cost	4
Time	1
Quality	1
Risk	26
Procurement	1
Communication	2
Human resource	4
Scope	0
Integration	0

Other issues

- Contract and dispute/conflict

Contract & Dispute	Number of papers
Dispute	5
Contract	7
FIDIC	1
International treaties	2
Legal issues	2
Specification	1
Standards/codes	3

- Institutional and cultural issues

Institution and culture	Number of papers
Institution	1
Culture	7
Ethics	3

Other issues

- Techniques that are used to improve international construction decision making

Techniques	Number of papers
AHP	2
ANP	1
Bayesian analysis	1
Fuzzy	1
CBR	2

Research Agenda

- Building resilience in construction firms to enable them to cope with recessions.
- Strategies for sustained performance in particular markets (to balance studies on entry strategies).
- Management of strategic alliances.
- Analytical framework for international construction.

The Future

- Have many in industry read any of these papers?
- How can GloNIC bring these works to the attention of industry? eg.,
 - would it be worthwhile to prepare a twice-yearly list of key publications with the Abstracts and an outline of the contents?
 - a GloNIC newsletter?
 - a GloNIC website
- Industry members of GloNIC should provide guidance on topics to be studied. How can this best be organised?
- A journal on international construction?