

Dr Doug Baker (PhD) – Research Partner with GPP

Overview

Doug is a leading figure in the airport land use planning industry on a global level. Doug runs the Queensland University of Technology Aerotropolis Project and is an invited speaker and consultant at airports and industry functions around the world. Doug's particular expertise is land use planning analysis – having recently completed a study of more than 70 international airports for trends – and stakeholder analysis.

Doug and his team work with GPP in a consultancy capacity advising airports on regional economic strategies and stakeholder consultation.

Experience

Present Expertise in Airport Consultancy

2011 - Invitation from University of Alberta and City of Leduc to present at two forums on airport development.

2010 - Invitation from Edmonton International Airport to present to the Board of Governors at Annual Strategic Retreat on future business strategies.

2009 - Stakeholder Engagement Workshop for Adelaide Airport Master Plan: "Beyond Consultation to Collaboration".

2008 - Stakeholder Engagement Workshops in Brisbane, Adelaide and Canberra for airport and surrounding stakeholders on land use planning and stakeholder positions.

2007 - Stakeholder Engagement Workshop. Singapore. Building and Planning an Airport City: Integrating infrastructure, governance and economic development.

2005 – present

Professor and Head of Planning and Property Economics, School Civil Engineering and Built Environment, Faculty of Engineering and Science

1999 – 2004: Associate Professor/Acting Chair, School of Environmental Planning College of Science and Management, University of Northern British Columbia, Canada

1992 – 1994: Senior Manager Environmental and External Affairs
British Columbia Hydro, Vancouver, British Columbia, Canada

1978-1986 Regional Manager, Ministry of Transportation and Highways
Nelson, British Columbia, Canada

Professional

Ph.D. Regional Planning and Resource Development (1992) University of Waterloo
University of Waterloo Outstanding Achievement in Graduate Studies Award
Master of Applied Science Natural Resources Management (1987) Simon Fraser University
Civil Engineering Diploma (1984) British Columbia Institute of Technology
Bachelor of Arts (1978) Simon Fraser University

Selected Recent Presentations

Invited Keynote Speaker. June 22-23, 2010. City of Leduc and Edmonton International Airport. The Aerotropolis in Canada. Edmonton, Alberta, Canada.

Invited Speaker. April 23, 2010. "Challenges in Governance and Business Models" presented at the Airport Cities World Conference, Beijing, China.

Invited Speaker and Session Chair. April 27-29, 2009. "Governance and the Airport City" presented at the Airport Cities World Conference, Athens Greece.

Invited Speaker. October 12-14, 2008. "The Challenge for the Airport City to be a Catalyst for Development: Managing the Interfaces" presented at the 14th World Routes Development Forum, Kuala Lumpur.

Invited Speaker. June 18-19, 2008. "Land Use and Australian Airports" presented at Bureau of Infrastructure, Transport and Regional Economics 8th Transport Colloquium, Parliament House, Canberra.

Keynote address and Conference Chair. September 12-14, 2007. "The Business Case for Airport Cities: Why Do We Need Them?" presented at the Asian Development Business *Airport Cities Conference*. Singapore.

Selected Research Grants over the last 5 years

- 2008: Australian Airports Association. Regional, rural, and remote airports in Australia: Challenges and opportunities. **\$30,000.00 over 2 years.**
- 2006: Australian Research Council Linkage Grant. Principle Investigator
- *The Airport Metropolis: Managing the Interfaces.* **\$1,518,912.00 over 4 years.**
- 2006: Australian Housing and Urban Research Institute. Chief Investigator (CI) with John Fein (RMIT - PI) and Virginia Lee (UniSA). *Using community-based processes to develop flexible guidelines for the design and modification of housing for a diversity of household types in provincial and remote Indigenous communities.* **\$155,672.00 over 1 year.**
- 2006: Australian Housing and Urban Research Institute. **CI** with Bill Duncan (QUT), Sharon Christensen (QUT), Vivien Milligan (USydney – PI), and Nicole Gurrán (USydney).
- *International Practice in Planning for Affordable Housing.* **\$102,000.00 over 1 year.**
- 2005: Australian Research Council Linkage Grant. Principal Investigator with Brendan Gleeson and Neil Sipe (Griffith University), and the Department of Local Government. *Evaluation of Performance-based Planning.* **\$174,888.00 over 3 years.**

Selected Refereed Publications over the last year

Freestone, R., Baker, D. and N. Stevens. 2011. "Managing Airport Land Development Under Regulatory Uncertainty" in *Research in Transportation Business and Management*. Vol. 1, pp. 101-108.

Freestone, R. and D. Baker. 2011. "Spatial Planning Models of Airport-Driven Urban Development" in *Journal of Planning Literature*. Vol. 26 (3), pp. 263-279.

Baker, D. and R. Freestone. 2010. "The Airport City: A New Business Model for Development" in *Critical Issues in Air Transport Economics and Business*. (eds) Rosario Macario and Eddy Van de Voorde. Taylor and Francis. pp. 150 -164.

Dodson, J., Sipe, N. and D. Baker. 2010. "Transportation and the wheels of growth in A *Climate for Growth: Planning South-East Queensland*. Gleeson, B. and Steele, W. (eds) University of Queensland Press. pp. 185-202.

Freestone, R. and D. Baker. 2010. "Challenges in land use planning around Australian Airports" in *Journal of Air Transport Management*. Vol. 16, pp. 264-271.

Freestone, R. and D. Baker. 2010. "The planning of airport regions and National Aviation Policy" in *Airports in Cities and Regions: Research and Practice*. Ute Knippenberger & Alex Wall (eds). KIT Scientific Publishing. pp. 69-84.

Stevens, N., Baker, D. and R. Freestone. 2010. "Airports in their urban settings: towards a conceptual model of interfaces in the Australian context" in the *Journal of Transport Geography*. Vol. 18, pp. 276-284.