



Jorg Ostrowski, Ecological Footprint: 5.8 gha (1)
M. Arch. A.S. (MIT) *cum laude*, B. Arch. (Toronto)
President, Director, Partner & consultant
• **ASH**-Autonomous & Sustainable Housing Inc.
• **ACE**-Alternative & Conservation Energies Inc.
• **ARE**-Alternative & Retrofit Energies Inc.
• **ACT**-Alternative & Construction Technology Inc.
Director, Stoneset Equity Development Corp.

1) <http://www.footprintnetwork.org/en/index.php/GFN/page/calculators/>

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• www.EcoBuildings.net
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• www.BioSphereLeapFrog.com

PROFILE: Graduate Architect with 34 years of full time professional practice (please see **Company Profile**)

- specializing in architectural/environmental design of green buildings, sustainable communities/waterfronts & BioSpheres
- consulting, project management (design, construction), education ("hands-on" construction courses) and lectures
- lives and works daily in an sustainable home & office for 17 years without using city water, sewer or gas lines (Abstract attached) in which he has learned of the success and failure and strength and weakness of sustainable ideas, methods, innovation & technology
- he tries to "walk the talk" & lead a conserving lifestyle daily, - walks, cycles, takes LRT, drives Smart car (monitored) on occasion

AWARDS, RESEARCH, PUBLICATIONS, TALKS & INTERESTS: also http://www.ecobuildings.net/awards_media_rd_talks.php

- his work has received **public recognition** through 6 awards, 130 articles (worldwide), 22 reports, 60 conference papers, 20 TV/Radio interviews, 300 partnerships, 5-demonstration projects and about 200,000 visitors
- co-authored various publications with others in our firms on various topics for various clients including CMHC, Alberta Gov't
- talks on professional work, in Canada (UN Habitat '76, many conferences), US (5 talks in Taos NM, 2001), Germany (World's Fair, Hannover 2000), China (Taishan, Meizhou, Xi'an, Xiamen, Urumqi, Beijing, 2007-2010), Philippines (Puerto Princessa, 2009)
- ecostudy tour of Europe: environmental/solar projects, wind farms, leading-edge projects like Vauban, Freiburg Germany in 2000
- ecostudy tours of China: rammed earth: solar greenhouses/ancient cities/structures/Hakka tulous (now UNESCO World Heritage Sites) in 2007, 2008, 2009, 2010, see: <http://www.HakkaHeritage.com>
- monitoring: data loggers for temperatures & humidity, thermography, depressurization testing (Blower Door), graphing results
- expert witness in House of Commons Standing Committee, and in settlement claim

EDUCATION: focussed on environmental design, with a proactive passion to implement environmental protection

- Jorg received his first professional degree in architecture, **B. Arch.**, from the College of Architecture, University of **Toronto**, in 1973. Articles appeared in Canadian Architect and RAIC Journal. His thesis was written up in the Toronto Sun.
- he received his 2nd professional degree, **M. Arch. A.S.**, after completing the 2-year environmental design program, **Massachusetts Institute of Technology** in 1975 at which time he also gave talks at Harvard, Pratt, University of Manitoba and articles appeared in the AIA Journal. He received CMHC and MIT scholarships. His **GPA** at MIT was 4.9 out 5. (98%)
- student-at-law: studying environmental, civil, criminal, contract & copyright law. see also: <http://www.EcoAdvocacy.com>

EXPERIENCE HIGHLIGHTS: research, planning, design, job co-ordination, details & site inspections since 1972

- Toronto waterfront (now "Harbourfront"): in 1973, after a year of research, community input, planning and design, Public Works Canada hired Jorg to design plans for the Toronto waterfront. Major sustainable features for the redevelopment of this 39 ha brownfield included: reclaiming entire site for the citizens of Toronto, recycling and reusing all major buildings, preserving history, mixed use, public promenade, high density low rise housing, community plaza, people places, roof top gardens & greenhouses, urban farms, ponds, mini parks, an outdoor theatre, terraced hills, green connectors over railway/expressways, noise abatement
- **co-owner, director, partner & founder of ASH/ACE/ARE/ACT Incs.**, in the 1980s & 1990s with wife Helen and other partners
- demonstration projects: design & built 5 highly innovative prototype projects: 1976 (Yamnuska, YMCA), 1979 (Calgary Stampede), 1981 (Engineered Homes), 1995 (ASH/O), 2002, (AEEC), the last of which got 3 awards not mentioned above
- several **EcoPlus** homes are completed or under construction in PEI, Quebec and Alberta, - most client use waterless toilets
- consulting work has included: Suncor, builders, developers, property owners, builder owners, individuals, private/public clients
- sustainable communities: EcoVillage 1 in Bearspaw and Rockyridge, Calgary, Radway (completed), Red Deer & Costa Rica
- BioSphere work initiated in China (Fujian, Shaanxi), Philippines (Palawan) & Costa Rica (Lake Arenal, Guanacaste)
- **Puerto Princessa BioSphere LeapFrog:** study tours, PPT & workshop for EcoInventory Map & BioSphere Plan for the redevelopment of largest city in the Philippines, with 254,000 ha, 7 watersheds, 2 oceans, a UNESCO World Heritage Site & popular Mayor Hagedorn
- as a **Director of the Board of Stoneset Equity Development Corp.**, and consultant on in-house environmental projects, he has learned more about the development/construction side of projects, and the need, opportunities/constraints to **Go Green** and **EcoPlus**.