



Canadian Association of Geographers - Ontario Division
Annual Meeting - October 12-13, 2012



WELCOME

TO CAGONT 2012 DIVERSITY

CAGONT PAPER | POSTER SESSIONS

CAGONT 2012 Special Panel Discussion Session

Diverse Approaches to Teaching in Geography | Room AA160 | 2:15PM to 3:15PM

Bill Gough (Chair), Susannah Bunce, Andre Sorensen, Kathi Wilson, Tanzina Mohsin

Note: Author presenting is identified in **BOLD** should multiple authors be listed.

SESSION 1-1

Climate Change: Past, Present and Future | Room AA112 | 9:00AM-10:30AM

Chair: Bill Gough

4 PAPERS

A Validation Against Observations of 24 Global Climate Models Over Canada: Which GCMs Model Best, Where?

- **Adam Fenech**, Peter Ng, Cynthia Tat and William Gough

Seasonal and Weather Effects on Behaviour Among Urban Aboriginal Participants, Urban Non-Aboriginal Participants and Remote Aboriginal Participants in Ontario, Canada

- **Benita Y. Tam**, William A. Gough, Vicky Edwards, and Leonard J.S. Tsuji

Observed Variability of Nocturnal Urban Heat Island Effect and its Relationship with the Dominant Air Masses at Toronto

- Tanzina Mohsin, **Urja Shah**

Simulation and Validation of Sea Surface Temperature at the Main Development Region for Tropical Cyclones in Eastern North Pacific Ocean

- Jerry Jien

SESSION 1-2

Renewable Energy | Room AA209 | 9:00AM-10:30AM

Chair: Ben Spigel

3 PAPERS

Policy Actors and Opposition to Wind Energy in Ontario. Implications for Climate Change Policy

- Cristian Ches

"Winds of Change": Explaining Support for Wind Energy Developments in Ontario, Canada

- Chad Walker

Underground Thermal Energy Storage Site Selection in the Toronto Region

- **Michael Wilson** and Stephen J. Swales

SESSION 1-3

Remote Sensing and Spatial Analysis | Room BV355 | 9:00AM-10:30AM

Chair: Kinson Leung

3 PAPERS

Comparing Hyperspectral and Multispectral Imagery for Land Cover Classification of the Lower Don River, Toronto

- **Lisa-Jen Ferrato** and K. Wayne Forsythe

Creating a Wildfire Model from Remote Sensing of Boreal Forests in Northern Ontario

- **John N. Floroff** and K. Wayne Forsythe

Spatial Distribution of Contaminant Concentrations in the St. Marys River

- **Christian J. Krnic** and K. Wayne Forsythe

Session1-4

Citizenship, Belonging and Place | Room AA160 | 9:00AM-10:40AM

Chair: Susannah Bunce

5 PAPERS

Meanings and Identities Attached to the Place of 'Home' among Senior Women Residing in Long-term Care Facilities

- **Malgorzata Milczarek**, and Jeffrey Hopkins

The High Line is totally gay." Excessively vegetal spaces and the ec[o]topic politics of plant performativity

- Darren J. Patrick

Drive-by Shots': Expressions of Place and Belonging in an Auto-photography Project with Muslims in Halifax, Nova Scotia.

- D. James McLean

Sense of Place on Hiking Trails and Implications for Management in Southern Ontario, Canada

- **Maria Legault** and Dr. Bryan Grimwood

Citizenship and Belonging among Jewish-Israeli Trans-Migrants in Toronto

- Tamir Arviv

SESSION 1-5

Community and Environment | Room AA205 | 9:00AM-10:40AM

Chair: Jane Liu

4 PAPERS

Leadership in Community-Based Organizations: What Fisheries Co-management Teaches Us

- Abdullah Al Mamun

Conflict, Disease and Displacement: Wildlife (re-)colonization and the Implications for Cattle in the Great Limpopo Transfrontier Park

- Francis Massé

A Picture of Community Food Mapping in Malvern, Toronto

- **Annya Chanda Shimi** and Alex Dow

A Good Label is Hard to Find: Identifying Common Food Allergens on Imported Ethno-Cultural Foods

- **G. Bains**, Harrington, DW., Qamar, Z., Wilson, K.

SESSION 1-6

Social and Environmental Justice and Resistance | Room AA303 | 9:00AM-10:40AM

Chair: Lisa Wallace

5 PAPERS

EXPORTING UNDERDEVELOPMENT: The Impact of American Policy on Food Allocation and Shortage in Haiti

- Elisa Samar Davoodi

Long Ago, Far Away, and Here and Now: Telling Stories of Relocation for Understanding and Healing

- Heather Sanguins

Building a Movement: Solidarity, Activism and Travel from North America to Nicaragua

- Daniel McRoberts

Is Dam-induced Resettlement Non-negotiable? Vietnamese Upland Resettlers' Resistance to Changes due to Dam Development

- Nga Dao

Non-Human Geographies of Justice across Two Southern Ontario Landscapes

- Lisa Wallace

SESSION 1-7

Water Resources | Room BV359 | 9:00AM-10:30 AM

Chair: Hannah Yukari Hori

4 PAPERS

Characterizing Water Balances of Shallow Lakes in Wapusk National Park, Manitoba, using water isotope tracers

- **Hilary White**, Nicole Farquharson, Lauren MacDonald, Brent Wolfe, Roland Hall, and Jon Sweetman

Corporatizing Water Supply and Sewerage Services: A Case Study of Dhaka, Bangladesh.

- Mannan I. Y.

Water Security and the Politics of Knowledge in the Peruvian Andes

- N. Renaud

Using Field Measured Parameters with the SWAT Hydrological Model to Quantify Runoff at the Sub-Watershed Level

- Yuestas David*, Tarmo Remmel, and André Robert

SESSION 2-1

GIS and Cartography | Room BV355 | 2:00PM-3:20PM

Chair: Shannon Allen

3 PAPERS

GIS-based Local Ordered Weighted Averaging: A case study in London, Ontario

- **Xinyang Liu** and Jacek Malczewski

Local Ideal Point Method for GIS-based Multicriteria Analysis: A Case Study of the Quality of Employment in London, Ontario

- **Xue Qin** and Jacek Malczewski

VGI Online User Communities: A Review of Methods/Metrics for Summarizing their Characteristics

- **Haydn Lawrence** and Colin Robertson

SESSION 2-2

Geographical Approaches to Energy Study I | Room AA204 | 2:00PM-3:20PM

Chair: Christina Hoicka

4 PAPERS

Impacts of Eco-Industrial Park Construction on Carrying Capacity of local environment: a case study of Guangzhou China Eco-industrial Park

- Junna Zhao

Policy and Legislation to Facilitate Development of the Forest-based Bioeconomy in Canada

- **Jean Blair**, Warren Mabee

Mapping Realizable Renewable Energy Potential in Canada

- **Geoff Lewis**, Rob Feick, Hang Li, Josh Laughren, James Snider, and Steven Price

The Geographic Qualities of Renewable Energy and Their Implications on Energy Transition management: insights from Ontario, Canada

- Kirby Calvert

SESSION 2-3

Agriculture and Environment | Room AA112 | 2:00PM-3:40PM

Chair: Andrew Tam

5 PAPERS

Sustainable Development through Agricultural Cooperatives in Brazil:
A Case Study of COOPAMIDO

- Mark Steffler

Mapping Tree Root Distribution in Agroforestry Systems with the Use of Ground Penetrating Radar

- **Kira Borden**, Marney Isaac, and Sean Thomas

Moving to Opportunity? – Migrant farming economies in the Brong Ahafo Region of Ghana

- **Vincent Kuuire**, Isaac Luginaah, Godwin Arku, and Paul Mkandawire

Everyday Restructuring of Farming in Southern Ontario

- Susan Dupej

Agricultural Adaptation Strategies in the Coastal Areas of Bangladesh

- Byomkesh Talukder

SESSION 2-4

Contaminants in the Environment | Room AA206 | 2:00PM-3:20PM

Chair: Carl Mitchell

3 PAPERS

Susceptibility of Soil Bound Mercury to Evasion as a Function of Source Depth: An Isotopic Investigation at Lab-scale

- **Maxwell Mazur**, Carl Mitchell, and Chris Eckley

Precipitation Input and Antecedent Soil Moisture Effects on Mercury Mobility in Soil – Laboratory Experiments with an Enriched Stable Isotope Tracer

- **Kristine M. Haynes**, and Carl P.J. Mitchell

Macroinvertebrates Does Not Affect Total Mercury or Methylmercury Concentrations

- **Suman Dhal** and Carl P.J. Mitchell

SESSION 2-5

Suburbia and Exurbia-Room | AA209 | 2:00PM-3:20PM

Chair: Amanda DiLisio

4 PAPERS

What do suburbanites think about the suburbs? A case study of suburban perceptions in Hamilton, Ontario.

- **Amy Shanks**, Victoria Coates, and Richard Harris

Land-use Change Detection in a Fast Growing Suburban Area and Its Implications for Sustainable Development

- **Nadine Nesbitt** and Yuhong He

Media Representations of Suburbs in Toronto from 1990-2012

- **Jenna E. Roberts** and Richard Harris

Land Use Conflict in a 'Peripheral' City: Towards a Research Trajectory

- Donald Leffers

SESSION 2-6

Localized Economic Geography | Room AA208 | 2:00PM-3:20PM

Chair: Jessica Wilczak

3 PAPERS

Impact of International Migrants' Remittances on Households Consumption Pattern

- Mohammad Moniruzzaman

The Spatiality of Housing Price Risk and Return in the Greater Toronto Area

- Spencer Barnes

The Role of Business Improvement Associations (BIAs) in Local Retail: Case Studies of Port Credit, Streetsville and Oakville

- **Joseph Leydon**, Anna Melikian, Alycia Santilli, Tasnim Patel and Christina McLaughlin

SESSION 2-7

The Changing Geography of Creativity I | Room AA303 | 2:00PM-3:20PM

Chair: Taylor Brydges

4 PAPERS

Evaluating the Creative Economy in Peterborough, Ontario

- Dr. Kevin Stolarick

Tolerance and Entrepreneurship

- Ben Spigel

Wasting the Waterfront: The Impacts of Failed Regeneration in Edinburgh, Scotland

- Garrett Morgan

Who's Scene Is It Anyway? Tracing Neighbourhood Transformation in Toronto, Canada

- Taylor Brydges

SESSION 3-1

The Changing Geography of Creativity II | Room AA206 | 3:40PM-5:00PM

Chair: Zara Matheson

4 PAPERS

Diversity as Creativity: The Case of Bandung, Indonesia

- James Michelson

Blazing a New Path Forward: A Case Study on the Renewable Energy Initiatives of the Pic River First Nation

- Joel Krupa

Meals on Wheels: Exploring the Food Truck Phenomenon in Canada

- Shawn Gilligan

The Geography of MySpace

- **Taylor Brydges**, Shawn Gilligan, Zara Matheson and Kevin Stolarick

SESSION 3-2

Health and Geography | Room AA209 | 3:40PM-5:20PM

Chair: Jenna Dixon

5 PAPERS

Do Maternal Exemption Programs Within Ghana's NHIS Remove Barriers to Health Care for the Rural Poor

- **Andrea Rishworth**, Jenna Dixon, Paul Mkandawire and Isaac Luginaah

Women's Autonomy and Health: A Case of Married Women in Ghana

- Godfred O. Boateng

Environmental Stress Effects on Illness in Toronto, Ontario

- Chelsea LeBlanc

Are there Peanuts in There? It doesn't say, but Mommy Doesn't Know": Exploring New Canadians' Experiences with Food Allergies

- **Alycia Santilli**, Jennifer Dean Asanin, Daniel Harrington, Kathi Wilson, Zafar Qamar

Penalized For Being Poor? Gendered Implications of the Ghana National Health Insurance Scheme's Late Renewal Block-Out

- **Jenna Dixon**, Paul Mkandawire, and Isaac Luginaah

SESSION 3-3

Geographical Approaches to Energy Study II | Room AA204 | 3:40PM-5:00PM

Chair: Kirby Calvert

4 PAPERS

Energy from Waste? Contributions from Geographic Thought to the Management of Municipal Waste as a Sustainable Energy Source.

- Yvonne Rollins

Biofuels: from a Win-Win Solution to a Wicked Problem?

- Stewart Fast and Kes McCormick

A Conceptual Framework to Analyse the Pro-environmental Behaviour of Participation in a Home Energy Evaluation Program.

- **Christina Hoicka** and Paul Parker

Linking Adaptive Capacity of Buildings to Community Energy Planning through Decision Pathways

- Shane O'Neill

SESSION 3-4

Hydro-ecology, Forestry and Forest Fire | Room BV355 | 3:40PM-5:00PM

Chair: Jerry Jien

3 PAPERS

Estimation of Foliar Pigment Concentration in Floating Macrophytes using Hyperspectral Vegetation Indices

- **Cameron Proctor** and Yuhong He

Micrometeorological Assessment of Controls on Canopy Level Evapotranspiration in the Context of Wetland Restoration

- **Hannah Ormshaw**, D. Scott Munro, Tim P. Duval

The Effects of Analytical Scale on Characterizing the Spatial Patterns of Post-Fire Vegetation Residual Patches in Boreal Wildfires

- **Yikalo H. Araya**, and Tarmo K. Remmel

Remaking a Forestry Town: the Multifaceted Challenges of Transition and Capacity-Building in Port Alberni, BC

- Emily C. Galley

The Effects of Biomass-Based Forest Harvesting on Hillslope Hydrology

- **N. Fidler**, and Mitchell C.P.J

SESSION 3-5

Climate Change, Adaptation and Policy | Room AA208 | 3:40PM-5:00PM

Chair: Bill Gough

4 PAPERS

Adaptive Capacity, Climate Change and Development Equity: A Critical Analysis of Canada's Approach to International Co-operation (1992-2010)

- Brennan Vogel

Comparing Local Government's Climate Change Adaptation Planning Processes in Canada and EU

- Khan R. Rahaman

Determining Sea-Level Inundation Risk of Brevard County, Florida using Geographic Information Systems

- **Katelyn MacDonald**, Su-Yin Tan

Weather and Camping in Ontario Parks

- Micah J. Hewer

SESSION 3-6

Climate Change: Evidence and Impact | Room AA303 | 3:40 PM- 5:00 PM

Chair: Tanzina Mohsin

3 PAPERS

The Effect of Warmer Temperature on Thunderstorm Frequency and Intensity from 1981 to 2010 in Toronto, Ontario

- Andrew C.W. Leung

Vulnerability to Climate Extremes and the Right to Adequate Housing: Experience of Slum Communities in Lagos, Nigeria.

- **Idowu Ajibade** and Gordon McBean

Changes in Extreme Temperature Trends in the Greater Toronto Area from 1971 to 2000

- Shannon Allen

SPECIAL SESSION 3-7

Fluvial Geomorphology of Highland Creek | Room AA160 | 3:40PM- 5:20PM

Chair: Joe Desloges

6 PAPERS:

Morphological response to urban development over 60 years: Highland Creek, Ontario

- **John McDonald** and Peter Ashmore

"Well my heart's in the Highlands": Historical patterns of specific stream power in urbanized Highland Creek

- **Roger T.J. Phillips** and Joseph R. Desloges

Developing the Highland Creek Geomorphic Systems Master Restoration Plan

- **Mari tte T.H. Pushkar**, Brian Hindley, Roger Phillips, William Snodgrass

Empirical observations of till-bed river morphology and erosion

- **Nathaniel Bergman** and Peter Ashmore

Influences of Confluences on the Morphology of Southern Ontario Streams: Preliminary Results

- J. Henshaw

Downstream Variability of Fluvial Form, Process, and Character in a Small Deglaciated Watershed, Southern Ontario

- **James Thayer** and Joe Desloges

POSTER SESSIONS: (COMPETING FOR THE CAGONT 2012 BEST POSTER AWARD)

Remembering and Imagining Suburbia: Explorations in Visual Methodologies

- Lisa Choi

Fire History Reconstruction in High Park's (Toronto, Canada) Black Oak (*Quercus velutina*) Savanna: a Dendrochronological Approach

- **Theresa DINH**, Nina HEWITT, and Taly DREZNER

Growing Tourism: 'Farmer-preneurship' in Southern Ontario

- Susan Dupej

The Weekday/Weekend Effect and Its Relation to Population and Ground Level Ozone Chemistry

- **Steven M. Hury**n and William A. Gough

Regional Analysis of the Impacts of Climate Change on Winter Transportation in the Western James Bay Region of Northern Ontario

- **Yukari Hori**, Benita Tam, William A. Gough, Leonard J.S. Tsuji

The Influence of Synoptic Weather Conditions on Extreme Ground-level Ozone Events in Toronto Downtown area, Canada

- **Kinson H. Leung**, and William A. Gough

Examining Water Quality Effects of Land Management Practices in an Agricultural Watershed Using a GIS Based Fully Distributed Hydrologic Model

- **Ivana Lung**, Wanhong Yang, Yongbo Liu, Zhiqiang Yu, and Sangsoo Chung

Brazilian Migration to the Rupununi (Guyana)

- Katherine MacDonald

Negotiating Wildlife, Land and Livelihoods: The Centrality of Cattle in Displacement and Re-settlement from the Great Limpopo Transfrontier Park

- Francis Massé

A Quantitative Approach for the Determination of Gradients in Natural Plant Communities

- Diego A. Sotomayor

Patterns of Bacterial Community Composition Between Areas of Differing Methylmercury Production in an Experimental Sub-boreal Peatland

- **Rachel Strickman**, Roberta Fulthorpe, Carl Mitchell

The Contradictory Nature of Market-Oriented Conservation: Ecotourism in Northern Thailand

- Megan Youdelis