



**MA. SIMEONA M. MARTINEZ**  
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## I. EDUCATION

MS Remote Sensing, University of the Philippines Diliman, 2009  
BS Geography, University of the Philippines Diliman, 2001

## II. TEACHING: Courses Taught

GEOGRAPHY 1: Places And Landscapes In A Changing World  
GEOGRAPHY 11: Economic Geography  
GEOGRAPHY 109: Quantitative Methods In Geographic Analysis  
GEOGRAPHY 135: Urban and Rural Geography  
GEOGRAPHY 190: Map and Aerial Photo Interpretation  
GEOGRAPHY 192: Field Methods in Geography  
GEOGRAPHY 197: Digital Cartography  
GEOGRAPHY 243: GIS for the Social Sciences

## III. RESEARCH PROJECTS

**Research project title:** Diliman as a Model for Philippine Urban Planning – Phase 1: Housing Project 2: GIS Database

*Duration of the project:* 2012-2013

*Objective:* To generate a housing profile of selected settlements and housing facilities in the UP Diliman Campus that may serve as input to evidence-based assessment of housing needs

**Research project title:** Filipino Journalists at Risk: Who and Where are They? An Analysis of the Killing of Filipino Mediamen

*Duration of the project:* 2012-2013

*Objectives:*

- The identification of patterns regarding the demographic characteristics of the journalists who were killed in the Philippines from 1986 to the present, the temporal circumstances behind their deaths and the geographical context of the localities where these crimes occurred
- The production of the following Geographic Information System-generated (GIS) maps that would aid target beneficiaries in better understanding nature of these media-related killings

**Research project title:** An Integrated Risk Assessment of the Effects of Tropical Cyclones in Metro Manila: Tropical Storm Ondoy (Ketsana) and Future Application in Urban Resilience

*Duration of the project:* 2011-2012

*Objectives:*

*Physical Component*

1. To examine the history and evolution of rivers and waterways in Metro Manila and the factors that have led to their disappearance
2. To identify the choke points and the stoppage points (e.g. garbage and settlements) that are present in the rivers and under the bridges
3. To identify the land uses and land classification (i.e., formal or informal) in the vicinity of the choke points

*Social Component*

1. To investigate the impacts of flood disasters to vulnerable groups in the study sites
2. To document the experiences and problems encountered by women during flooding events
3. To identify gender-specific roles of community members in flood disaster management (i.e., preparedness, mitigation, recovery)

**Research project title:** Challenges of the Agrarian Transition in Southeast Asia (ChATSEA)

*Duration of Project:* 2005-2010

*Research type:* THESIS: Remote sensing and GIS for analyzing and describing forest cover change in the ancestral domain of the Agta in General Nakar, Quezon

#### IV. SELECTED PUBLICATIONS

##### A. Chapter in Book

**Martinez, M. S.**, Rey, E., & Villarante, P. (2007). Indigenous Land Rights and the Agrarian Reform Program: The Buhid Mangyan Experience. In A. Gatmaytan (Ed.), *Negotiating Autonomy: Case Studies on the Philippine Indigenous People's Land Rights*. New Jersey/Quezon City: Transactions Publications/Friends of the Earth.

##### B. Academic Journal Article

Zoleta-Nantes, D. B., **Martinez, M.S.** and Ocampo, L.A. (2008). Environmental Management and Urban Planning in Metro Manila, the Philippines. *Regional Development Dialogue*, Vol. 29 (1), pp.72-88.

#### V. CREATIVE WORKS

Martinez, M. S. M. (2012) A workplace drama. In B. Caslib, & L. C. Ruizo (Eds.), *Wagas and other tales, talks, and takes on love*. Quezon City: Central Book Supply.

Martinez, M. S.M. (2012) Nine units. In B. Caslib, & L. C. Ruizo (Eds.), *Wagas and other tales, talks, and takes on love*. Quezon City: Central Book Supply.

CHATSEA (Producer), Placino, P. A., & **Martinez, M. S.** (Directors). (2011). *ChATSEA in the Philippines: Common Themes and Learnings* [Documentary]. Presented at the the Canadian Council for Southeast Asian Studies Conference 2011 (October 14-16) in Toronto, Canada.

#### VI. PAPERS PRESENTED IN CONFERENCES

“Spatiality of Hazards and Disaster Management: Mapping and Spatial Analysis For DRRM ,” Capacity Strengthening Program on Integration of Climate Change Adaptation and Disaster Risk Reduction in Five Provinces in The Philippines at the Trade and Investment Center, Lucena, Quezon, September 16, 2013.

"Kalagayan at Kapaligiran ng Pilipinas: Ang Papel ng Heograpiya sa Kasaysayan ng Bansa," Ika-11ng Pambansang BAKAS Seminar-Workshop ukol sa Histograpiya at Agham Panlipunan at the San Antonio De Padua College, Pila, Laguna, April 3-6, 2013.

"Application of Spatial Analysis and Quantitative Methods in Exploring Disaster Risk Reduction and Management Strategies in Four Communities in the Rizal Province," 2013 Philippine ESRI GIS User Conference User Presentation at EDSA Shangri-La Hotel, Mandaluyong, Feb 22-23, 2013.

"Inequality, Governance and Crime," A Macro-Scale Exploratory Analysis First Conference of the Asian Network of GIS-Based Historical Studies. Tokyo University, Japan, 1-2 December 2012.

"Protected Area in a City," Environmental Systems Research Institute User Conference. San Diego Convention Center, San Diego, California, 12-16 July 2010/ Society For Conservation GIS Conference 2010. Pacific Grove Convention Center, Pacific Grove, California, 7-11 July 2010.

"Musing on HB," Alternative Classroom Learning Experience: Philippines For Sale. Palma Hall, UP Diliman, 20 August 2009.

"An Engagement Story: Building The SCGIS Pilipinas Chapter," Society For Conservation GIS Brazil Chapter Conference. Serra Do Argon National Park, Terresopolis, Rio De Janeiro, Brazil, 27-29 May 2009.

"Forest Cover Change And The Agta In The Phase Of Transition," National Conference on Geographical Studies-4: Geographical Explorations In The Philippines, Palma Hall, UP Diliman, 16 December 2008.

"Changing Spaces, Changing Livelihoods: The Adaptation Strategies Of The Agta Dumagat In Sablang, General Nakar, Quezon, co-authored with Lou Angeli Ocampo, Southeast Asian Geography Association (SEAGA) International Conference 2008 Seameo Innotech, Quezon City, 3-6 June 2008.

"Ancestral Domains In Agrarian Transition: Assessing The Impacts Of The Comprehensive Agrarian Reform Program And Forest Management Agreements On Resource Use In Ancestral Domains," Conference of the Canadian Council Of Southeast Asian Studies (CCSEAS). Laval University, Quebec City. 19-21 October 2007.