

TONY (XUANTONG) WANG

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EDUCATION

University of Denver <ul style="list-style-type: none">Ph.D. Program - Geography	August 2016 - GPA 4.0
University of Pennsylvania <ul style="list-style-type: none">Master of Environmental Studies – Resource Management	2014 - 2016 GPA 3.84
University California, Berkeley <ul style="list-style-type: none">BS in Environmental Economics and Policy	2011 - 2014

CERTIFICATES

Chartered Financial Analyst Level II Candidate <ul style="list-style-type: none">Passed Level I of the CFA Program	2017
Professional Energy Manager Certificate <ul style="list-style-type: none">Certified by Schneider Electric and Institute of Energy Professionals	2014
40-Hour Hazardous Waste Operations and Emergency Response Training <ul style="list-style-type: none">Certified by Compliance Solutions	2014

RELEVANT EXPERIENCE

University of Denver <i>Teaching Assistant</i> <ul style="list-style-type: none">Assisted Professor to teach undergraduate level course and labs.Conducted Geography Information Science labs for students to explore the physics of earth.	Denver, USA 2015 - 2016
University of Pennsylvania <i>Production Assistant & Videographer</i> <ul style="list-style-type: none">Produced marketing and promotion videos for student start-ups and Wharton innovation events.Production assistant for the Penn Online courses program.	Philadelphia, USA 2015 - 2016
Interra Energy <i>Consulting Project</i> <ul style="list-style-type: none">Provided strategies and analysis for Interra Energy to expand their market in California.Conducted detailed market analysis to project Biochar's market demand.	California, USA 2014
Protecting Forest Biodiversity: Understanding Climate Change Refugia for Management <i>Research Team Member</i> <ul style="list-style-type: none">Installed sensors and collected data of regional climate change at Yosemite National Park.Processed data and producing graphs to show the climate change for further analysis.	Berkeley, USA 2013

San Francisco Department of Environment

San Francisco, USA

Consulting Project

2013

- Improved the commuting program to reduce carbon emission from transportation in Bay Area.
- Provided strategies to improve the public transportation and carpooling in San Francisco.

Search Engine Optimization and Website Management at BBC Worldwide

Oakland, USA

Lonely Planet, BBC

2012

- Conducted market research to improve the ranking of BBC iTunes application
- Managing the content of Lonely Planet books and websites, including new publications

2012

PROJECTS

Yellowstone National Park Wolf Reintroduction

Wyoming & Montana, USA

Independent Research and Documentary Filming Project.

2015

- Funded by University of Pennsylvania and the Walker Fund,
- Interviewed scientists like Doug Smith to study the impacts of wolf reintroduction.

Karst Cave Tombs of Guizhou, China

Guizhou & Guangxi, China

Study the development and importance of cave funeral in karst areas ([Video link](#))

2013 – Present

- Finalist of Douban writing competition's documentary report section.
- Comprehensively documented six cave tombs' sites and many other hanging coffins sites.

Chinese Shui Minority Language

Guizhou, USA

Endangered Language Documentary and Research Project ([Video link](#))

2015

- Studied and translated ancient Shui hand-copy scripts obtained from villages in Guizhou.
- Interviewed Shui shaman to study the impact of urbanization on their culture.

Tibetan Students Language Learning Research

Beijing, China

Independent Research Project

2013 – Present

- Partnered with Graduate School of Education students to assess Tibetan student's learning problems.
- Interviewed principals, educators, and linguistics to find the problem of Tibetan education.

PUBLICATIONS

Tracking Maasai Lions

Kenya

Magazine Publication

2015

- Wang, X. (2015, August 1). Tracking Maasai Lions. *China National Travel*, 136-143.
- Discussed the importance of Lions in the Serengeti-Mara ecosystem.

Lions of Maasai Mara

Kenya

Book (English and Chinese), editor's recommendation on Douban.

2015

- Wang, X., & Qi, B. (2015). *Lions of Maasai Mara*. [Kindle Version]. Retrieved from Amazon.com.
- Illustrated the life of lions and discussed the cause of population changes of lions in Maasai Mara.

A Photo Journey of the Great Migration

Tanzania & Kenya

Photography Book (English and Chinese), overall scores rated by readers: 9.0/10.

2015

- Wang, X., & Qi, B. (2015). *A Photo Journey of the Great Migration*. [Kindle Version]. Retrieved from Amazon.com.
- Included more than 200 photographs to illustrate the full picture of annual Great Migration in East Africa.

National Geographic

Photography Publication in National Geographic magazine and website.

China & USA
2008, 2011 & 2013

- Including *Mountain Gorillas of Uganda, Ngorongoro Lesser Flamingos, Big Cats of East Africa*, etc.
- Promoted the conservation of endangered species.

AWARDS AND SCHOLARSHIPS

- American Association of Geographers Regional Conference Poster Award 3rd Place (2016)
- Graduate Teaching Assistantship (2016 - 2017)
- Award of Excellence – UPenn Department of Earth and Environmental Sciences (2016)
- Graduate Research Award (2015)
- Walker Fund Research Scholarship (2015)
- Singapore International Scholarship (2006 - 2011)

SKILLS AND INTERESTS

Personal Website: <https://tonywildlife.wordpress.com/>

Computer Skills: ArcGIS, ENVI, Python, MATLAB, Stata, Autodesk, Drones, Agisoft, Pix4D, Fiji, Aerial Imaging, Remote Sensing.