

EXHIBIT 3

Hong-lie Qiu
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 California State University, Los Angeles
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 Los Angeles, CA 90032

(I) Professional Preparation

Fujian Normal University, China	Geography	B.S.	1982
Cornell University	Geological Sciences	Visiting Fellow	1984
Louisiana State University	Geography	Ph.D.	1994

(II) Appointments

2011 – present	Professor, Department of Geosciences and Environment, California State University, Los Angeles
2008 – 2011	Professor, Department of Geography and Urban Analysis, California State University, Los Angeles
2007 – 2008	Resident Director, California State University International Programs – China Study Center at Peking University Professor, Department of Geography and Urban Analysis, California State University, Los Angeles
2002 - 2006	Associate Professor/Associate Chair, Department of Geography and Urban Analysis, California State University, Los Angeles Associate Director, Center for Spatial Analysis and Remote Sensing, California State University, Los Angeles Faculty Mentor, Center for Environmental Analysis (CEA-CREST), California State University, Los Angeles
1996 - 2002	Assistant Professor, Department of Geography and Urban Analysis, California State University, Los Angeles
1992 - 1996	Research Associate, Remote Sensing & Image Processing Laboratory, Louisiana State University
1982 - 1984	Research Assistant, Department of Geography, Fujian Teacher's University, Fujian, China

(III) Recent Publications

- Zheng, Y.F. and Qiu, H.-L. (2012). Mapping urban landuse types in Los Angeles using Multi-date Moderate-Resolution Imaging Spectroradiometer vegetation image products. *In Proceedings of Earth Observation and Remote Sensing Applications (EORSA) 2012: 283-286.*
- Li, B.G., Ma, L.C., Jiang, P.A., Duan, Z.Q., Sun, D.F., Qiu, H.-L., Zhong, J.P., and Wu, H.Q. (2008). High precision topographic data on Lop Nur basin's "Great Ear" and the timing of its becoming a dry salt lake. *Chinese Science Bulletin*, 53(6): 905-914.
- Qiu, H.-L. Kuban, A. and Zhong, J.P.(2007). The Drying-up process of Lop Nur as explained by remote sensing data. In: Xia, X.C., Wang, F.B., and Zhao, Y.J. (eds.), *Lop Nur of China*, pp. 311-322. Science Press, Beijing, 2007
- Qiu H.-L. (2006). A 4,000-year pollen records of vegetation change from the subtropical mountains of Fujian Province, China. *Journal of Subtropical Resources and Environment*. 1(1): 11-23.

- Qiu, H.-L., Zhong, J.-P., Dong, X.-G., Fan, Y.-M., Liu, L., and H.-Q. Wu (2001). Spectral Reflectance Properties of Major Surface Features from Urumqi and Its Surrounding Areas in Xinjiang, China. *Journal of Xinjiang Agricultural University*, 24(2): 17-21.
- Qiu, H.-L., Lam, N. S.-N., Quattrochi, D.A. and Gamon, J.A. (1999). Fractal Characterization of Hyperspectral Imagery. *Photogrammetric Engineering & Remote Sensing*, 65(1):63-71.

(iv) Synergistic Activities

- 2000 - 2009 Faculty mentor, Center for Environmental Analysis, California State University, Los Angeles.
- 2007 - 2008 Resident director, California State University International Programs in China
- 2000 - 2010 Campus site license manager for the ESRI GIS software products at California State University, Los Angeles

(v) Collaborators & Other Affiliations

Collaborators:

- Xinguang Dong, Xinjiang Agricultural University, China
- Xi Chen, Xinjiang Institute of Ecology and Geography, China
- Chenglin Liu, Institute of Mineral Resources, Chinese Academy of Geological Sciences
- John Gamon, University of Alberta, Canada
- Carlos Robles, California State University, Los Angeles
- Caicong Wu, Peking University, China
- Paula Averdson, California State University, Los Angeles
- Xintong Li, Fujian Normal University, China
- Nan Jiang, Nanjing Normal University, China
- Jianfei Chen, Guangzhou University, China

Graduate Advisor: Kam-biu Liu (graduate advisor, Louisiana State University)

Recent Advisees:

M.A. student:

- Defna Kohn (now at Mt. San Antonio College)
- Fredrick Stehle
- Jung Hun
- Zhuizhui Lin
- Yuanfan Zheng