

CURRICULUM VITAE

FORMATO EUROPEO/EUROPEAN FORMAT

INFORMAZIONI PERSONALI/ PERSONAL INFORMATION

Nome, Cognome/Name, Surname	Fulong, Chen
Indirizzo/Address Via, numero civico, c.a.p., città, nazione/ House number, street name, postcode, city, country	No.9 Dengzhuang South Road, Haidian District, 100094, Beijing, China
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Nazionalità/Nationality	P.R. China
Luogo e data di nascita/ Place and Date of birth	Zhejiang prov. China, 1980/08

ESPERIENZA PROFESSIONALE /WORK EXPERIENCE

Dates (from – to)	2012/09~present
Nome e indirizzo del datore di lavoro / Name and address of employer	Institute of Remote Sensing and Digital Earth, Chinese Academy of Sciences
Tipo o settore di attività / Type of business or sector	Research unit
Funzione o posto occupato / Occupation or position held	Research Professor
Principali mansioni e responsabilità / Main activities and responsibilities	Radar remote sensing, remote sensing for archaeology, climate change
Dates (from – to)	2011/08~2012/12
Nome e indirizzo del datore di lavoro / Name and address of employer	The Chinese University of Hong Kong
Tipo o settore di attività / Type of business or sector	University
Funzione o posto occupato / Occupation or position held	Research Associate
Principali mansioni e responsabilità / Main activities and responsibilities	SAR interferometry and geology
Dates (from – to)	2008/07~2011/07
Nome e indirizzo del datore di lavoro / Name and address of employer	The Chinese University of Hong Kong
Tipo o settore di attività / Type of	University

business or sector
Funzione o posto occupato /
Occupation or position held
Principali mansion e responsabilità /
Main activities and responsibilities

Post-doc research fellow
SAR interferometry

ISTRUZIONE E FORMAZIONE / EDUCATION AND TRAINING

Dates (from – to) 2003-2008
Nome e tipo d'istituto di istruzione o
formazione / Name and type of
organisation providing education and
training Graduate University of Chinese Academy of Sciences
Principali materie e competenze
professionali apprese / Principal
subjects occupational skills covered
Certificato o diploma ottenuto /Title of
qualification awarded PhD
Livello nella classificazione nazionale
o internazionale / Level in National
classification Microwave Remote Sensing

Dates (from – to) 1999-2003
Nome e tipo d'istituto di istruzione o
formazione / Name and type of
organisation providing education and
training Wuhan University
Principali materie e competenze
professionali apprese / Principal
subjects occupational skills covered
Certificato o diploma ottenuto /Title of
qualification awarded Bachelor degree
Livello nella classificazione nazionale
o internazionale / Level in National
classification Surveying and Mapping

ATTIVITA' DI RICERCA / RESEARCH ACTIVITIES

Attuali campi di ricerca / Research
sectors Key laboratory of Digital Earth Science, Institute of Remote Sensing and Digital Earth, Chinese
Academy of Sciences.

Recenti attività scientifiche/ Recent
Scientific Activities. 1) Radar remote sensing for archaeology (relics detection, defective deformation monitoring,
early warning and preservation)
2) Multi-temporal SAR interferometry for ground subsidence, landslides monitoring and
geological interpretation
3) Global warming and human activity responses

Pubblicazioni/ Books and Articles
Selected Journal papers:

[1]Chen F. L., Lin H., Zhou W., Hong T.H., Wang G., Surface deformation detected by ALOS PALSAR small baseline SAR
interferometry over permafrost environment of Beiluhe section, Tibet Plateau, China, Remote Sensing of Environment,
138: 10-18, 2013.

- [2] **Chen F. L.**, Lin H., Li Z., Chen Q. and Zhou J.M., Interaction between permafrost and infrastructure along the Qinghai-Tibet Railway detected via jointly analysis of C- and L-band small baseline SAR interferometry, *Remote Sensing of Environment*, 123: 532-540, 2012.
- [3] **Chen F. L.**, Lin H., Zhang Y., Lu Z., Ground subsidence geo-hazards induced by rapid urbanization: implications from InSAR observation and geological analysis, *Natural Hazards and Earth System Sciences*, 12:935-942, 2012.
- [4] **Chen F.L.** and Lin H., Multi-baseline differential SAR interferometry analysis of Lantau Highway, Hong Kong, using ENVISAT ASAR data, *Remote Sensing Letters*, 2(2): 167-173, 2011.
- [5] **Chen F. L.**, Lin H., Yeung K. and Cheng S., Detection of slope instability in Hong Kong based on multi-baseline differential SAR interferometry using ALOS PALSAR data, *GIScience and Remote Sensing*, 47(2): 208-220, 2010.
- [6] **Chen F. L.**, and Lin, H., Surface deformation detected by the space-observed small baseline SAR interferometry over permafrost environment in Tibet Plateau, China. *The Cryosphere Discussions*, 6:4071-4099, 2012.
- [7] **Chen F.L.**, Zhang H., Wang C., Automatic Matching of High-resolution SAR Images, *International Journal of Remote Sensing*, 28(16): 3665-3678, 2007.
- [8] Lin H., **Chen F.L.***, Zhao Q., Land deformation monitoring using coherent target-neighborhood networking method combined with polarimetric information—a case study of Shanghai, China. *International Journal of Remote Sensing*, 32(9):2395-2407, 2011.
- [9] Zhao Q., Lin H., Jiang L., **Chen F. L.**, & Cheng S., A Study of Ground Deformation in the Guangzhou Urban Area with Persistent Scatterer Interferometry, *Sensors*, 9, 503-518, 2009.
- [10] Wang H., Lin H., Chen J. and **Chen F.L.**, Study on the relationship between sub-pixel percent cover and multi-temporal NDVI, *International Journal of Remote Sensing*, 33(17): 5615-5628, 2012.
- [11] Cheng S., Perissin D., Lin H., and **Chen F.L.**, Atmospheric Delay analysis from GPS meteorology and InSAR APS, *Journal of Atmospheric and Solar-Terrestrial Physics*, 86: 71-82, 2012.

Books:

Chen F.L., Lin H. and Cheng S., Principles, methods and applications of spaceborne SAR interferometry and time series analysis, Science in China Press, Beijing, China, 2013

**ULTERIORI INFORMAZIONI /
ADDITIONAL INFORMATION**

Ongoing Projects: 2012-2015 Methods and applications of radar remote sensing for archaeology, “The Hundred Talents Program of CAS” ;
2013-2015 Permafrost evolution and response monitoring using interferometric SAR in Tibetau Plateau, National Natural Science Foundation of China;
2013-2015 Radar remote sensing time series precise observation and evaluation on World Heritages, International S&T Cooperation Program of China;
2013-2017 Remote sensing for Environment of Angkor sites, self-launched program of RADI, CAS.
2013-2014 TerraSAR-x science data PI
2012-2016 ESA-MOST Dragon 3 Coperation Programme

Awards: Shunji Murai Award of ACRS 2011

Reviewer for: Remote Sensing of Environment
IEEE Geoscience & Remote Sensing Letters
International Journal of Remote Sensing
Canadian Journal of Remote Sensing
Photogrammetry Engineering & Remote Sensing
Journal of Applied Remote Sensing
Remote Sensing

**TRATTAMENTO DEI DATI
PERSONALI, INFORMATIVA E
CONSENSO**

Il D.Lgs. 30/6/2003, n. 196 "Codice in materia di protezione dei dati personali" regola il trattamento dei dati personali, con particolare riferimento alla riservatezza, all'identità personale e al diritto di protezione dei dati personali; l'interessato deve essere previamente informato del trattamento .

La norma in considerazione intende come "trattamento" qualunque operazione o complesso di operazioni concernenti la raccolta, la registrazione, l'organizzazione, la conservazione, la consultazione, l'elaborazione, la modifica, la selezione, l'estrazione, il raffronto, l'utilizzo, l'interconnessione, il blocco, la comunicazione, la diffusione, la cancellazione e la distruzione di dati, anche se non registrati in una banca dati.

In relazione a quanto riportato, autorizzo il CNR al trattamento dei dati contenuti nel presente *curriculum vitae* e nella documentazione della quale fa parte integrante

(*barrare la casella*)

Si, acconsento

Chen Fulong