



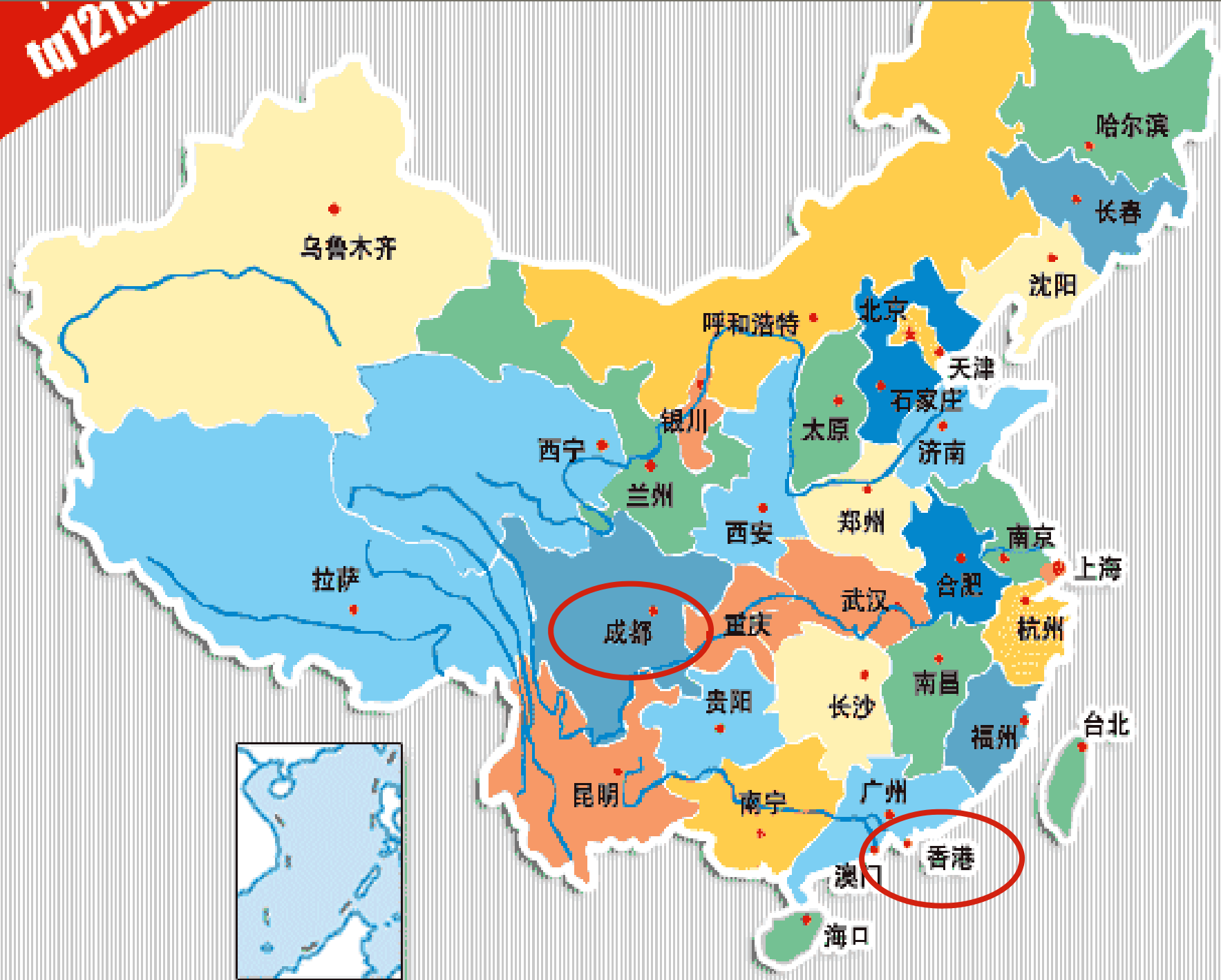
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Sichuan 512 catastrophe: rebuilding libraries after the earthquake

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10121.0





12 May 2008 14:28 hours

China's catastrophic 7.9-magnitude earthquake

Earthquake Affected Provinces



Source: United Nations Children Fund (UNICEF)

SICHUAN

WENCHUAN

Mianyang □

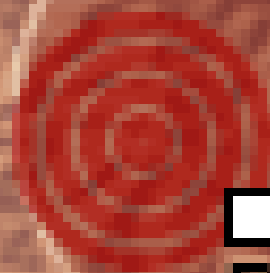
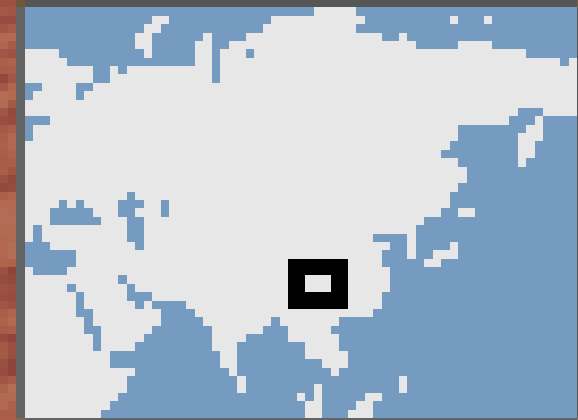
□ **Mianzhu**

□ **Yingxiu**

Epicentre □ **Dujiangyan**

□ **Chengdu**

Source: BBC



China Earthquake Administration Report

- Earthquake occurred along the Longmenshan (龍門山) fault
- The rupture lasted close to 120 sec.
- Starting from Wenchuan (汶川), the rupture propagated at an average speed of 3.1 km per sec 49° toward north east, rupturing a total of about 300 km
- Maximum displacement amounted to 9 m
- The focus was deeper than 10 km

**Animation of the Wenchuan
512 Earthquake
(by Chinese Academy of Sciences)**

**Illustrates how the earthquake in Wenchuan
happened and at which direction
the shock expanded**

http://www.csi.ac.cn/sichuan/sichuan080512_cs2.htm

Catastrophic earthquake destroyed the world famous Wolong (臥龍) *panda* breeding centre



Source: video.news.sky.com

Basics of 512 Earthquake in Sichuan Province China

Source:
Sichuan Earthquake Information
[http://sichuaneq.googlepages.com/
home](http://sichuaneq.googlepages.com/home)

Earthquake Statistics Updates

Facts	Number of people
Deaths	69,122
Injured	373,606
Accepted treatment	289,457
Still In Hospital	23,864
Rescued from the ruins	69,549
Missing	17,991
Orphaned	>4,000
Homeless	>5,000,000
Affected	45,612,765
Migrated	15,147,400



Before 512: Wenchuan ABA Teachers College (汶川阿坝师范专科学校图书馆)

- the only academic institution in Wenchuan
- the only academic institution totally destroyed



**Before 512: Wenchuan ABA Teachers College
Students' Residence**



**After 512: Wenchuan ABA Teachers College
Teachers' Residence**

Library Society of China Report

中國圖書館學會記錄

Sichuan province	119 county libraries
Complete destroyed	4 county-level libraries
Severely damaged	29 county-level libraries
Damaged	25 county-level libraries
Destroyed	670,000 books
Estimated library damages	436,000,000 RMB

Beichuan Library (北川綿陽市)

- **Located at Epicenter in Sichuan earthquake**
- **Completely destroyed by the earthquake**
- **Director Li Chun (李春) and 5 other staff rescued after 70+ hrs**
- **Rescue team worked over 2 hrs non-stop with their bare hands**
- **Rescue team used a small knife to cut through the wood pieces around them**

Conditions in Libraries Nearer the Epicenter



Photos taken from Library Family
blog:

<http://space.sina.com.cn/123260150>

Library Staff 's Temporary Quarters



A
shared
tent



Temporary Reading Room





Students Reading in Temporary Camp

Rescuing Books/Working in the Library



**Mianyang Normal
University Library**

(綿陽師範學院)

National Library of China (中國國家圖書館)

Library Society of China (中國圖書館學會)

Earthquake Relief Program

- **Donations of books, collections, etc.**
- **Relevant training procedures**
- **Coupling relationship (library in a non afflicted area helps a library in an affected area on one-on-one basis)**
- **Promote public library services & information services**
- **Long term help plan (majority libraries have 3-year-recovery-plan)**

Gifts of Books from Inside China



Central Broadcasting Group gave 150,000 volumes



China Children's Press Gift

HKU Dept of Electrical & Electronic Engineering

Primary School Reconstruction Project

Deyang (德陽市) summer 2009

HKU EEE Team members :

- Dr Wilton Fok, Dr YC Wu , Dr Alfred Yu
& HKU students**

The Project :

- To install renewable energy system, multimedia classrooms and a computer laboratory in Deyang Yuanjia Primary School (德陽市袁家小學)**

Beichuan Middle School (北川中學)

Co-designed by professors from Harvard, MIT, HKU, Tsinghua & Tongji Universities

- **Beichuan government “put as top priority” in the general reconstructive scheme of Beichuan**
- **2600 Mill RMB invested**
- **To accommodate 5000 students**
- **To be used as stationary shelters of the new town**
- **Estimated to be finished on 1 Sept 2010**

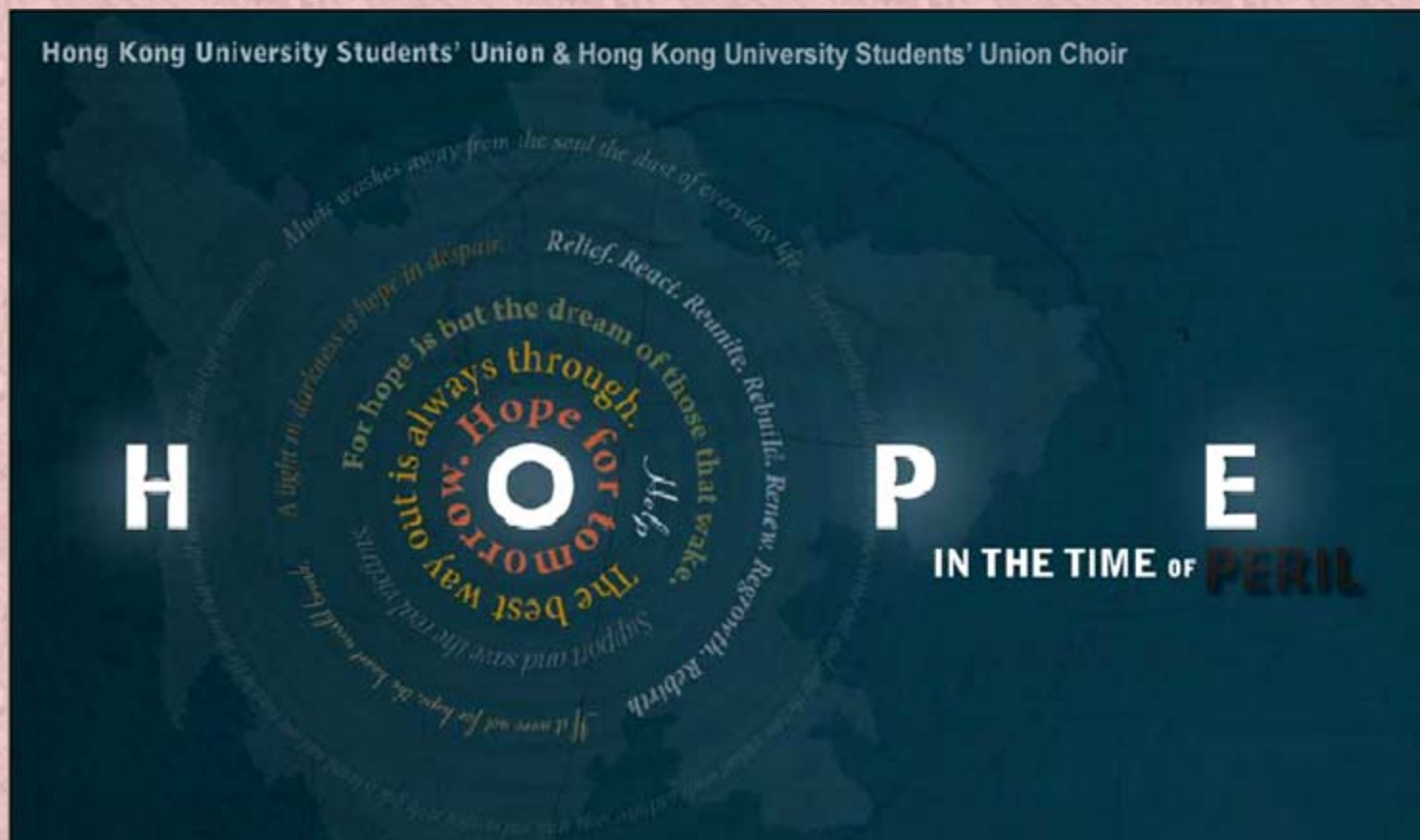
HKU Students' Union Fund-raising Drive

HKUSU set up donation boxes at :

- **Counter near Main Library**
- **Examination venues**
- **HKUSU Cooperative Store**
- **HKUSU Office**
- **China Scholars & Students Association**

HKU Students' Union & Union Choir

Fundraising Concert for the Reconstruction of Sichuan (8 July 2008)



HKU Students' Union Fund-raising Drive Through Cyber Campus: U Radio



The University of Hong Kong
CYBERCAMPUS
Centre of Development and Resources for Students

[+ HKU Homepage](#)
[| About Cyber Campus](#)



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Programme Detail



Live on U-Radio: Give Our Hands to Sichuan Earthquake Victims

Schedule : Monday, 19 May 2008 9:30pm to 11:30pm



Menu

- [Home](#)
- [Programme Schedule](#)
- [Hosts](#)

Search

HKU Students Voluntary Work

Hu Yiming (summer 2008)

**Southwestern University of Economics & Finance,
Aixin School (西南財經大學災區愛心學校)**

- **taught high school students from Wenchuan (汶川)**
- **one of the students awarded “Young Hero of Earthquake Relief Work”**



HKU Students Voluntary Work

HKU Student Voluntary Work

Hu Yiming (summer 2008)

Sichuan Agricultural University (四川農業大學)

- **Organized volunteers from HKU, Sichuan University, Peking University, New York State University, University of Sydney, Wageningen University, etc. to visit schools in Dujiangyan (都江堰) - heavily damaged city during Sichuan earthquake.**
- **Shared information about their universities**
- **Shared experience in studies/ learning**
- **Shared experience in overcoming difficulties**
- **Encouraged students to recall their passion for life**



HKU Students Voluntary Work

HKU Activities

- **Fundraising**
- **Book donations**
- **Local forums**
- **International conferences**
- **Collaborations on disaster management**
 - **with Mainland higher education**
 - **with charitable institutions**

HKU in Action

Date	Title	Organizer
Apr 12, 2009	<u>Sichuan Hong Kong Engineering Technology and Reconstruction Academic Interflow Conference in Chengdu</u>	Department of Electrical and Electronic Engineering
Apr 10, 2009	<u>Meeting with the Sichuan Deyang Education Bureau for the preparation of a primary school reconstruction in summer 2009</u>	Department of Electrical and Electronic Engineering
Oct 16, 2008	<u>My Voluntary Work in Sichuan</u>	A sharing from Hu Yiming (Undergraduate of Economics and Finance)
Starting from July 18, 2008	<u>你曾經想過去四川甘肅的災區協助救災或重建嗎？你是否已經成行？</u>	香港大學心理系
Starting from July 17, 2008	<u>HKU and Beijing Normal University collaborate in pioneering Catastrophe Management Initiative</u>	The University of Hong Kong and the Beijing Normal University
June 14, 2008	<u>四川地震救援實錄及災後重建公眾講座</u>	苗圃行動，講者為香港大學副校長李焯芬教授、工程師及香港大學舊生高永賢博士、工程師
June 13, 2008	<u>以心理測試篩選災區援助人員</u>	心理學系
May 25, 2008	<u>同心援川燭光晚會</u>	香港青年學生救災援川大行動，包括香港大學在內的青年學生領袖聯合發起
May 24, 2008	<u>Sichuan Donations – MEICOM</u>	HKU MSc in E-Commerce & Internet Computing (MEICOM) Alumni Association
May 22, 2008	<u>Call for Action to Staff in LKS Faculty of Medicine</u>	LKS Faculty of Medicine
May 19, 2008	<u>Calling Chinese trained in I/O psychology to help fight the earthquake aftermath</u>	Department of Psychology

Library Specific Aid Program

Library Family (圖書館家園)

Program Conductor

- **Cheng Huanwen (程煥文), Director of Sun Yat-Sen University Libraries (中山大學圖書館)**

Program of Earthquake Aid for Librarians

- **400 volunteers**
- **visited 17 higher education libraries**

Visits by Cheng Huan-wen (程煥文) / Library Family to Sichuan librarians



Library Specific Aid Program

Library Family (圖書館家園) objectives:

- **Help library workers who were victims (economic, emotional, physical)**
- **Provide support to families of librarians who were killed. Lump sum payment was given to those who lost family members or homes**
- **Help affected library science students to finish their studies. Arrange free training opportunities for unemployed librarians**
- **Bring in experts to offer advice and assistance**
- **As of June 2008, distributed US\$163,000**

Library Specific Aid Program

Shanghai Library

- **Organize donation days through Sichuan Quake Relief Program**
- **Arrange book donation drop-off points**
- **Provide books & libraries for elementary schools/ orphanages as they are rebuilt or repaired through 2008 Earthquake Program**
- **Adopt specific Sichuan counties to help their libraries**

HKU Libraries Book Donation Program

- **University Librarian (Dr A.W. Ferguson) & Assistant Fung Ping Shan Librarian (Ms Angela Ko) visited Sichuan University Library, Chengdu in Oct 2008**
- **Explored ways to assist the libraries**
- **Worked with Hong Kong University Press & Dr Priscilla Roberts (History Dept) to donate books**

HKU Libraries Book Donation (Oct/Nov 2008)

Library of Mianyang Normal University (綿陽師範學院圖書館)

- **Book donation – 600 volumes**
- **Stamp on books:**
“大愛無疆 抗震救災
香港大學圖書館 援助圖書”

HKU Libraries Book Donation (Oct/Nov 2008)

Sichuan University Library (四川大學圖書館)

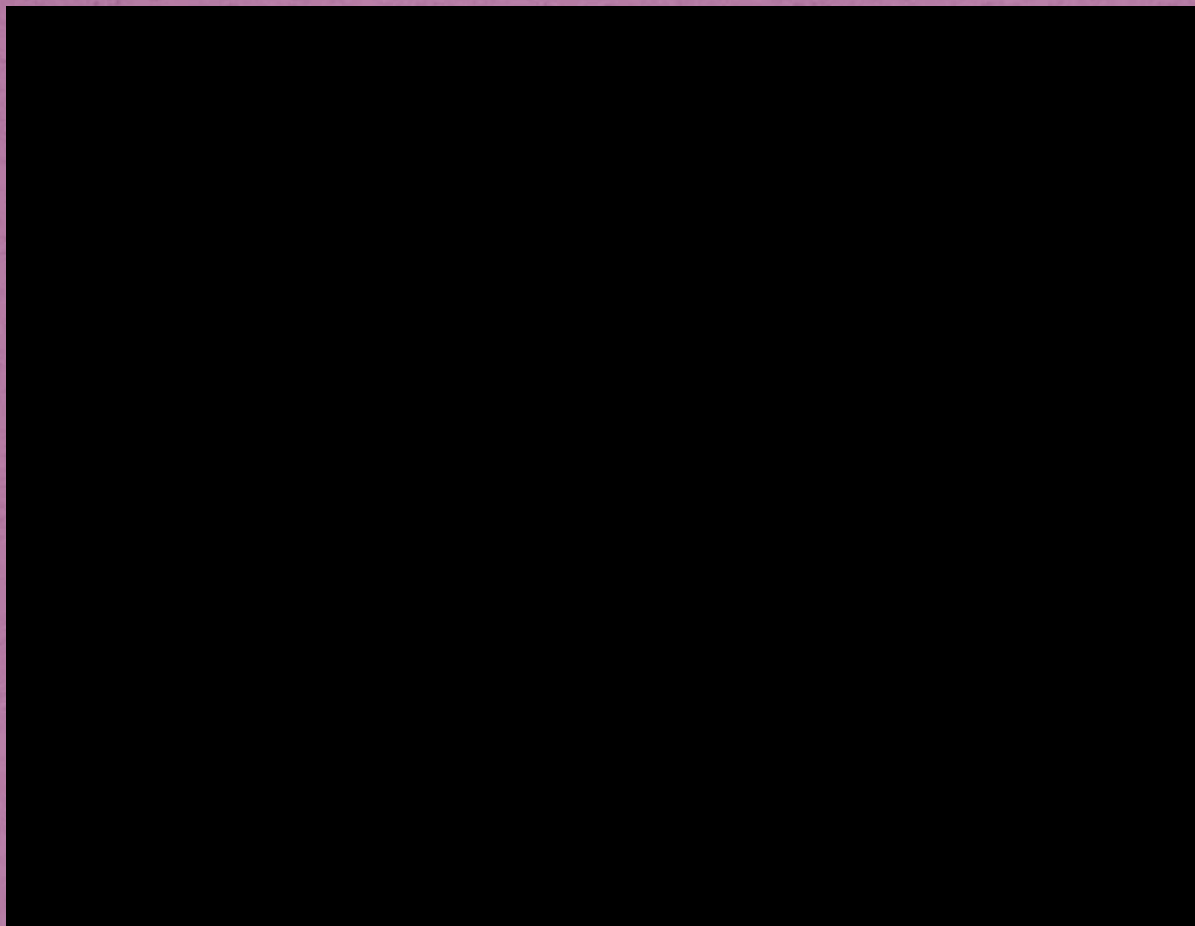
- **Book donations – 5,000 books**
- **Sichuan University Library will help to distribute donated books to needy libraries in the earthquake areas**



**Medical Library staff preparing books
for shipment to Sichuan**

Lessons Learned

- **The need for comprehensive disaster plans**
- **The need for regular fire and evacuation drills**
- **The need to analyze all existing buildings & new buildings for their ability to withstand stresses produced by major earthquakes**
- **The need for an emergency classification system that everyone can quickly grasp the severity of the disaster confronting the populace and those involved in relief efforts**
- **The need to quickly gather experts together to share experiences with each other and the librarians affected by the disaster**



5.12 earthquake video

Source:

北川羌族自治縣文化旅遊局

**(Beichuan Qiang Autonomous County
Culture & Tourism Authority)**

How Can You Help ?

Write to: Cheng Huanwen (程煥文)

Chair, Library Family (圖書館家園)

Sichuan Earthquake Aid Program

cheng@mail.sysu.edu.cn

<http://blog.sina.com.cn/huanwen>

How Can You Help ?

**The Library Project, Inc.
2008 Earthquake Program
4362 East Gatewood Road
Phoenix, AZ, 85050, USA**

Objective: Provide books & libraries for elementary schools & orphanages as they are rebuilt or repaired

How Can You Help ?

**International
Federation of
Red Cross &
Red Crescent
Societies**

<http://donate.ifrc.org/>

Donation Form

Please complete all fields marked with an *

I would like to make a donation of: * Amount in figures

Currency *

Card type

I would like my contribution to go to:

Company name (only for corporate donors, in order to calculate the total received by a company)

First name *

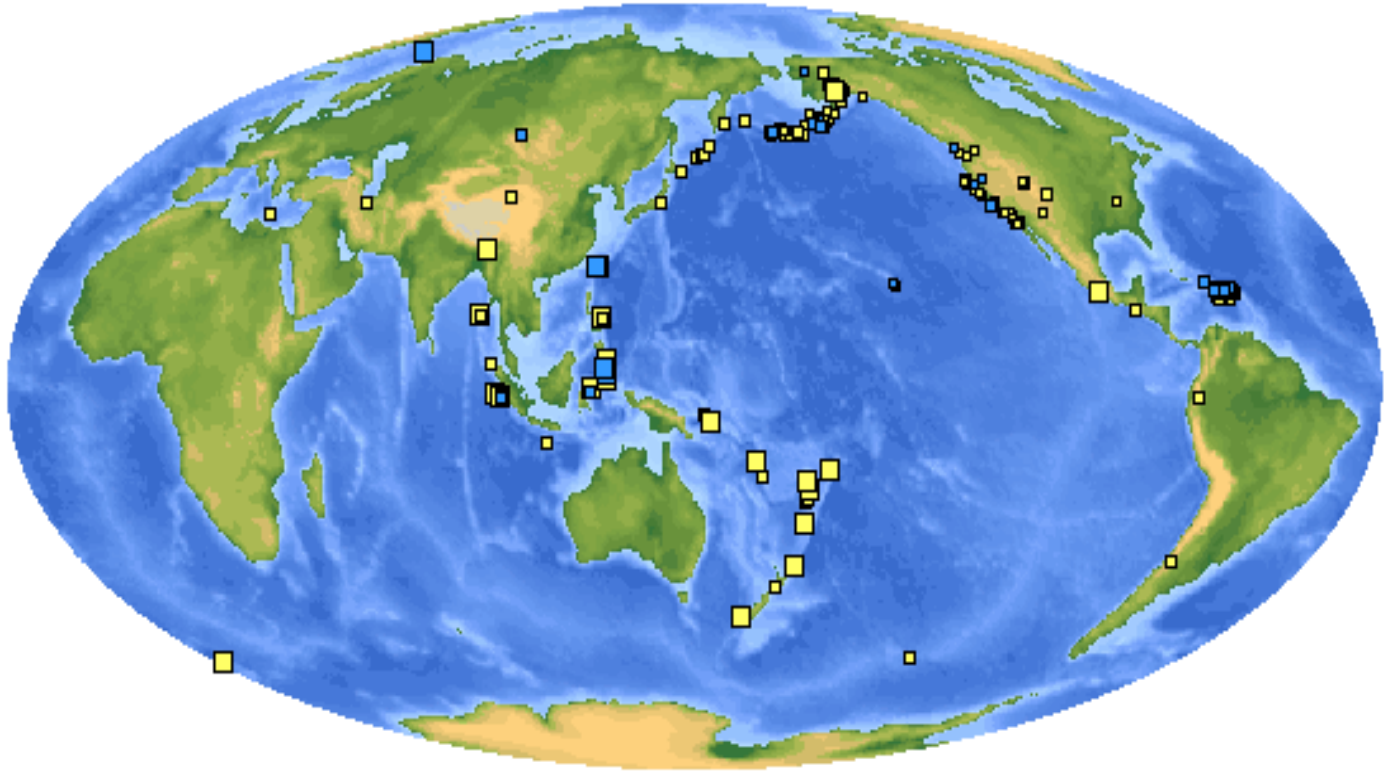
Last name *

Address *

Latest Earthquakes in the World - Past 7 days

Worldwide earthquakes with M4.5+ located by USGS and Contributing Agencies.
(Earthquakes with M2.5+ within the United States and adjacent areas.)

Fri Aug 21 06:00:02 UTC 2009 285 earthquakes on this map



ages			magnitudes			
■ last hour	■ day	■ week	 >7	 >5	 >2.5	X ? (not known)

Suggestions ?
Thank you

謝謝