

Keyword Index of Journal of Disaster Research Volume 5, 2010

1

1999-debris flow disasters in
Venezuela.....229

2

2007 Niigataken Chuetsu-oki
Earthquake.....12
2007 Noto Hanto Earthquake.....22

A

access.....180
adaptation.....264, 666
ageing management.....707
arch action.....385
assessment.....172
assets.....180
Atotsugawa Fault.....245
austenitic alloy.....469

B

benefit-cost.....172
BFD.....494
BIA.....494
bond strength.....385
bottom-up vs. top-down
governance.....552
building configurations.....517
building damage assessment.....687
business continuity.....494

C

Cal EMA.....172
California.....172
capacity assessment.....452
capacity building.....180, 565
capital.....494
car navigation system.....187
chemical accidents.....509
Chile.....577
civil defence emergency
management.....565
climate change.....155, 264
cloud computing.....627, 697

cognitive apprenticeship theory
(CAT).....22
common operational picture....5, 45
community.....138
Community Based Organizations
(CBOs).....503
community resilience.....155
competence for disaster response
.....197
compound hazard.....236
concentration profile.....274
concrete plate.....351
concrete slab.....437
containment structure.....452
corrosion.....469
countermeasures.....307
crack.....351
crack width.....361
creep.....469
critical infrastructure protection...45

D

damage certification.....82, 687
damage ratio.....657
damage report.....66
data-sharing for disaster.....108
debris flow.....274
debris flow control.....307
debris terrace Abe River.....257
deformable missile.....426
delayed hydride cracking.....378
demographic transition.....666
development.....155
disaster.....172, 208, 325
disaster adaptation.....138
disaster information.....187
disaster management.....108
disaster prevention.....155
disaster recovery.....130, 147, 180
disaster reduction design.....31
disaster reduction plan.....543
disaster resilience.....138
disaster responders.....197
disaster response.....5, 66
disaster support information.....74
distributed autonomous
cooperation.....622
DMA 2000.....164
dose rate.....351

drop load analysis.....712

E

earthquake(s).....82, 577, 642
earthquake induced landslide.....257
economic loss.....657
emergency checking.....315
Emergency Mapping Center.....5
emergency response.....54, 98, 315
emergency response and
management.....74, 90
enterprise GIS.....98
evacuation by elevator.....601
evacuation by stair.....601
evacuation period in a building .591
evacuation system.....296
exposure.....45

F

Faith Based Organizations
(FBOs).....503
famine.....208
FEMA.....164
filed survey.....54
finite element analysis.....463, 712
flood.....172, 236, 325
flood discharge prediction.....288
flood hazard.....657
floor response spectra.....417
food insecurity.....208
fracture mechanic.....378
fragility.....407
frequency domain.....340

G

gamma ray.....351
GenIV.....469
geographic information analysis..45
geospatial portal.....108
GeoWrap.....74
GIS....5, 12, 22, 54, 66, 74, 82, 90,
98, 509
GIS portal.....108
GIS vector data.....657
GLOF.....264
glovebox.....463

GPS.....187
ground-motion measure407

H

hardmissile.....437
hazard172
hazard map.....31, 650
hazard mapping642
hazard mitigation plans526
Hietsu Earthquake245
Himalaya264
house and crop field polygon657
housing reconstruction147
Hurricane Katrina.....147

I

ICT627
impact264, 437, 712
impact load.....426
impedances340
incident report697
India.....130
information.....66, 636
information infrastructure74
information integration.....12
information processing.....54
Information Technology
Revolution622
instructional system design (ISD)
.....22
integrated GIS677
integrity of components and
structures707
intelligence636
investigation.....325

J

J integral378

K

knowledge management.....636

L

landslide.....280
landslide dam.....245, 288, 315
landslide distribution map.....650
land-use535
large aircraft impact417
large-scale landslide257
leak before break.....378
leakage test.....463
LHMP.....164
life recovery process22
limit states452
list of major hazards229

local government(s)543, 677
Local Hazard Mitigation Plan....164
local multi-hazard mitigation
plans552
location information ..54, 74, 90, 98
logarithmic law.....274
long term operation.....707
long-term livelihood rebuilding ...12

M

management.....325
metadata.....108
micro media.....187
mitigation ..164, 172, 180, 535, 552
mobile GIS54
mobile phone.....187
modern architecture.....517
MOX fuel463
Mt. Mayuyama280
Mt. Unzen.....280
multi-hazards.....74, 90

N

national project.....155
natural disasters.....577
natural hazards535
neural network.....642
New Zealand emergency
management.....565
Non-Government Organizations
(NGOs).....503
nonlinear behavior.....369
nonlinear dynamic analysis.....417
nonstructural measures.....307
Northridge earthquake.....147
notification.....31
nuclear safety707

O

ODS steel469
outburst.....288
outburst flood245
out-of-plane shear385
overhead crane369

P

participation.....130
participatory risk assessment180
patient safety697
performance measures.....543
PGA.....407
PGV.....407
pictgram design31
plan evaluation526
plan quality.....526
planning535

plant life management.....707
platform model.....340
policy130
post-disaster operations manual
.....494
post-disaster redevelopment
planning552
pre-disaster recovery planning...552
pre-event planning.....552
pre-stress.....437
prevention325
probabilistic seismic hazard
analysis395
processing90
project management494

Q

QR code.....66
questionnaire survey.....601

R

R6 method378
radioactive waste361
rainfall236
RARMIS concept.....677
reactor building417
recovery.....164, 552
refugee number within a given
time.....591
reinforced concrete.....426
reinforced concrete wall.....361
repetitive losses164
resilience.....164, 552, 577, 666
resiliency.....180
resilient society622, 627
resistance law274
response.....164, 552
right-to-know509
rigid bed274
risk analysis.....407
risk management.....636, 697
Risk MAP.....552
river bed variation288

S

SaaS online database.....650
SaaS over NGN.....627
safety instruction31
sediment disaster296
sediment flow264
sediment hazard(s)229, 307
sediment transport257
sediment-related disaster236
seismic capacity369
seismic codes.....517
seismic disaster.....361

seismic probabilistic risk
 assessment395
 shake table test369
 shielding performance361
 simulation280
 slit351
 slope failure296
 social capital494
 social impacts577
 social participation155
 socioeconomic factors208
 soil damping712
 soil springs and dashpots340
 soil-structure interaction ...340, 712
 spatial temporal database677
 spatial visualization22
 stakeholder involvement543
 standardized information
 processing74, 90
 Standards for Disaster Resilience
503
 steam generator replacement712
 steel-concretewalls385
 strategy325
 stress corrosion cracking469
 stress wave propagation712
 structural evaluation712
 structural measures307
 student volunteer activity650
 supercritical water469

super-high-rise buildings601

T

TEC-FORCE315
 technical standard for
 technological risk509
 Texas526
 the Iwate-Miyagi Nairiku
 earthquake in 2008315
 the Tokai-Tonankai-Nankai
 Earthquake666
 Tokyo metropolitan earthquake ...45
 Tombi Landslide245
 top-down vs. bottom-up
 governance164
 training and exercise program ...197
 TRMM650
 truss action385
 tsunami130, 280
 tsunami arrival time591
 tsunami depth591
 tsunami refuge buildings591
 two-layer model288
 Typhoon Morakot236

U

urban area642

urban spatial conflict509
 urban zoning regulations517

V

valley fill642
 Venezuela509
 vertical excitation369
 victim assistance687
 victim database74
 victim master database12, 687
 vulnerability138, 180
 vulnerability reduction155

W

warning system296
 water content296
 whole-building evacuation601
 workshop494

Z

zonation535