

SUBJECT INDEX

Almora	22	Epicentres	21
Ammonium	9	Hazard	17, 18, 19
effect of	9	Prediction	19
inhibition	10	Elastic Grains	40
Amplifications	17, 18	Error Ellipses	25
of site	17	Extension Bending Actuation (EBA)	31, 32
Anomaly Fields	5	File Server	43
Antipersonnel Land Mines	39	High Availability	43
Arabian Sea	10	Finite Element	32, 34, 35
Artificial Stiffening	34	Analysis	44
Atmospheric Model Intercomparison Project (AMIP)	5	Error Analysis	32
Variability	14	Energy Error	33
Bay of Bengal	10	Elastostatics	32, 33
Bayesian Probabilistic Model	18	Elastodynamics	32
Bhopal	22	Functional Analysis	34
Biogeochemical Cycle	10	Function Space Approach	33
Broadband Receiver Function	24	Modelling	44
Carbon Cycle	9	One-dimensional	32
Chlorophyll	10	Projection Theorem	34
Seasonal Variation	10	Strains	32
Climatology	5	Stresses	32
Co-seismic	22	Solution	35
Cognitive Network	6	Equipartition	39, 40
Computational Fluid Dynamics (CFD)	44	Eurasia	21
Continental Collision Boundary	21	Experimental Forecast	5
Convective Organisation	6, 8	Frequency Error Hyperboloid	33
Feedback	7	Geodesy	22
Forcing	6	Geodetic Triangulation Survey (GTS)	22
Systems	5, 6	Geophysical Fluid Dynamics Laboratory (GFDL)	13
Cubic Functions	31	Geostrophic Currents	11
Darjiling-Sikkim-Tibet (DaSiT)	20	Gharwal	21
Daughter key	40	Global Circulation Model (GCM)	5
Deformation	20, 22, 24	Variable Resolution	5
Quaternary	20	Global Positioning System (GPS)	21, 22, 23, 24
Transverse Shear	31	Derived Velocities	21, 26
Mechanisms	20	Geodesy	21
Dirichlet Boundary Condition	34, 35	Gujarat	21
Displacement Fields	31	Hanle	22
Drag coefficient	13	Heterogeneous	40
Dynamics	39	High Performance Computing	43
of grains	39	Himalayan Rocks	26
Dynamic Equilibrium	13	Himalayan Wedge	20
Dynamical Model	5	Homogeneous Moment Magnitude	19
Forecast	5, 6	Hyperbolicity	9, 10
Duplex	20	Hyperboloid	33, 34
Earthquake	18, 19, 22	Imaging	39
Bhuj	22	Impulse	39
Catalog	19	Backscattering	39
		Mechanical	39

Indian Summer Monsoon Rainfall (ISMR)	5, 6	Ocean Generation Circulation Model (OGCM)	13, 14
Indomod	32	Oceanic Variability	14
International Seismological Centre (ISC)	19	Optically Simulated Luminescence (OSL)	20
ISMMACS	43	Parallel Ocean Program (POP)	43
Jamanagar	22	Phytoplankton	9
Kachchh Rift Basin	22, 26	Piezoelectric	31
Key Extraction Algorithm	40	_____ Composite Beam Structures	31
Kinematics	20, 25	_____ Coupling	31
_____ of Neotectonics Duplex Formation	20	_____ Electro-mechanical Coupling	31
Kinetic Energy	40	_____ Finite Element	31
Kumano	21	_____ Materials	31
Laboratory for Dynamics Meteorology (LMD)	5	_____ Vibration	31
Ladakh	21	Planetary Boundary Layer	6
Laplace Equation	34, 35	Post-seismic	22
Leh	22	Polarized	31
Lo-Christensen-Wu (LCW)	31	_____ Axially	31
Local Area Network (LAN)	45	_____ Transversely	31
Low Pressure System	7	Potential Energy	40
Luminescence Dating	20	Pre-seismic	22, 23
MATLAB	43	Precipitable Water Vapor (PWV)	27
Main Boundary Fault (MBF)	20	Precipitation Large Scale	7, 8
_____ Thrust (MBT)	20	_____ Processes	8
Marine Ecosystem	10	Primary productivity	10
_____ Dynamics	10	Proterozoic sediments	26
Message Passing Interface (MPI)	43	Quaternary	20
Michaelis-Menten Relation	9	Rainfall	5
Mixed Layer	9	_____ excess	6
_____ Depth (MLD)	10	Random Key Generation Algorithm (RKGA)	40
Mixing Schemes	13	Reddy Theory	31
_____ Isoneutral	13	Relative Humidity	27
_____ Vertical	13	Response Spectra Ratio (RSR)	17
Modelling	9, 17, 31	Restitution	40
_____ of Smart Structural Systems	31	Reyleigh Quotient	33
Modular Ocean Model (MOM)	9, 10, 11, 14, 43	Risk Assessment	19
Monsoon	5	RMS error	12
_____ Onset	5	River Terraces	20
Narmada Rift Basin (NRB)	26	Salinity Profiles	12
National Center for Environmental Prediction (NCEP)	5, 6,	Sea Surface Height (SSH)	11
12	12	Sea Surface Temperature (SST)	12, 14
National Earthquake Information Centre (NEIC)	19	_____ field	14
Neotectonic Duplexes	20	Seismic	17
Netric waters	9	_____ hazard	19
Neumann Boundary Condition	34	Sesimicity	18
Neural Network	5, 8	Seismogenic zone	19
_____ Forecast	6	Sesmic Ground Motion	17
Nitrate	9	Shallow Buried Objects (SBOs)	39
_____ Uptake	9, 10	_____ Imaging of	39
Nonlinear	39	Shear Bending	31
_____ Impulse Propagation	40	Shear Bending Actuation (SBA)	31, 32
_____ Pulse	39	Shear Correction Factor	31
North Indian Ocean	11	Shear Effects	31

Shear Locking	33
Shillong	22
Plateau	23, 24
Silicon Graphics (SGI)	43
Origin 3400 Server	43
Simulations	11, 14, 39, 43
3D	39
SiVoM	43
Software	43
Solitary Wave	40
Southern Peninsula	22
Strain Energy	33
active	26
Sturm-Liouville Problem	35
Surface Vibrations	39
Tectonics	18, 24, 25, 26
Temperature Profiles	12
Thermoluminescence (TL)	20
Timoshenko Beam	31
Element	31
Time Series	5
Tivoli Storage Management (TSM)	43
Transverse Shear Effects	31
Tropical Dynamics	7
Upwelling	9
Zooplankton	9

AUTHOR-INDEX

- Abdul Matin 25
Ananda M B 23, 26
Anil Kumar 45
Anjan Bhattacharyya 24, 25
Ashok Kumar 24
Ashok K Singvi 20
Banerjee S 23
Bendick R 23
Bilham R 23
Blume F 23, 26
Galahaut V 26
Gaur V K 23, 24, 26
Geeta Bhaga 19
Goswami P 5, 6, 9, 14
Goswami D C 25
Jafarali P 34
Joshi G 26
Kality S 25
Kalyani Devasena 8, 11, 12
Krishna A P 25
Krishnan R 40
Krishna Mohan T R 40
Kumar P D 23
Malay Mukul 20, 21, 23, 24, 25, 26
Mandal A 5, 6
Mandral S S 23
Manoj Jaiswal 20
Mukherjee S 34, 35
Nava Hazarika 24
Panza G F 18
Parvez I A 18, 19, 21, 23
Patra G K 9, 40, 45
Prabhu N 43
Prathap G 31, 32, 34, 35
Praveena G 19
Raja S 32
Rajeevan P 14
Rivertis Pariong 25
Sahu S C 25
Sangeetha K 35
Sathya G K 26
Seenappa 45
Senthil Kumar V 31
Sharada M K 11
Sridevi Jade 22, 23, 24, 25, 26, 27
Surjit Sen 40
Swathi P S 11, 12
Thangavelu R P 45
Veccari F 18
Vijayan S M 27
Wallace K 23, 26
Yajnik K S 11