

INDEX

- Abbas, I 9
- Almora 8
- Ananda, M.B 1,9
- Andaman Islands 8,9
- Anil Kumar, V. 27
- Anupama, T.S 1
- Arabian Sea 2,4,5
- Auli 8
- axial load 15,16,18
- back propagation algorithm 21
- bacteria 22,23
- Bangalore 8
- Bangalore University 19
- bending moment 18
- Bernese 4.0 8
- Bhagyalakshmi, R. 24
- Bhopal 8
- biodegradation 11,12
- biogeochemical cycles 5
- bioremediation 1,11,12
- BLAST 23
- bluff bodies, flow fast 16
- Borhola oil fields 11
- carbon 2,3,4
- cataclasis 10
- Central Road Reserch Institute (CRRl) 13
- Chamba 8
- Chandrashekhar, H.M 16
- Chaukiri 8
- chlorophyll 5
- circulation, tropical 2
- climatology 2
- cognitive network 21
- coherence function 6,7
- Comprehensive Ocean Atmosphere
Data Set (COADS) 2
- compressive stresses 18
- confining pressure 14-16
- convection 10,11
- critical wedge theory 9
- cross spectral density 6
- cross-phase 7
- CSIR Headquarters 16
- Darjeeling 9,10
- Dash, S. K 28
- data assimilation 5
- daylength, seasonal variation 5
- De, P.K 1
- deformations 13,18
- Delhi 8
- derivatives of time series 20
- Dhansiri Valley Project 11
- Dileep Kumar, P 9
- diurnal variation 5,6
- DNA 22
- earthquakes 1,10
- elastic moduli 13
- energetically cross linked transient network
(ECTN) model 16
- enzyme 23
- evapotranspiration rate 23,24
- falling weight deflectometer 13
- Fasham, Ducklow and McKelvie 5
- fault 8,9
- fault zone 9
- finite element analysis 14,17
- finite element model (FEM) 9,10,13,16,18
- forecast, rainfall 21,22
- forecast, weather 1
- Fourier Transform 6
- Garhwal Himalaya 10
- Gaur, V. K 1,9,28
- genomes 22,23
- geothermal gradient 10,11
- Gondwana age 9
- Goswami, P 2,22
- GPS 8,9
- granulite formation 9,10
- Gupta, P. K 28
- Hanle 8
- heat conduction equation 16
- Hellerman's climatology 3
- Hema Ravi 16
- Himalaya 1,8,9
- Hoek and Brown criterion 14
- homology 23,24
- hydrology 23
- Indian Institute of Science (IISc) 8
- Indian peninsula 8,31
- Indian Ocean 1,2,4,29,31
- Indira, N.K 7,28
- infilled frames 16,17,19
- ISS, NAL 1
- Jacobian 20

Jagdish, R 19,29
 joint factor, J, 14
 Joint Global Ocean Flux Study (JGOFS) 2
 jointed rocks 13
 Joseph, B 28
 Joshi, S.K 1
 Kalijhora 9,10
 Kanyakumari 1
 Krishna Mohan, T.R 1,9,12,28
 Kumaon 10
 Kumar, A 16,17,28
 Ladakh 8
 Lansdowne 8
 Laplacian 16
 Leh 8
 limit cycles 20,21
 Lorenz's equations 20
 Main Boundary Fault (MBT) 9
 major principal stress 14
 Malay Mukul 10,28
 mantle 10
 Marine Ecosystem Models 20
 Mashelkar, R.A 1,16,28
 masonry 18
 Maxwell (UCM) model 16
 Michaelis-Menten law 20
 microorganisms 11
 minor principal stress 14
 Mishra, R.K 28
 Mitra, A.P 1
 Mitra, G 28
 model 1-6, 9-11, 13,15,16,20,23,25,28,29,31
 modelling 1,2,5,8-10, 20, 23-26, 28-31
 Modular Ocean Model (MOM) 1-3
 Mohr-Coulomb criterion 14
 moisture infiltration function 23
 monsoon 2
 moving boundary problem 12
 multi-layered pavement system 13
 Munsiyari 8
 Muthunayagam, A.E 1
 Mycobacterium Tuberculosis 23
 Nanda, P.K 13,28
 Narasimha, R 1
 National Aerospace Laboratories (NAL) 1,17,27
 Navier-Stokes equations 16
 neural networks 21
 Newton-Raphson iteration scheme 16
 nitrogen 2,3
 nonlinear 1,2,12,14,20,21,31
 non-newtonian fluids 1,16
 Oberhuber's monthly mean Atlas 3
 Oil and Natural Gas Commission (ONGC) Ltd 11
 oil pollution 11
 Oldroyd B model 16
 organic contaminants 11
 orogenic mountain belts 9
 Pacanowski and Philander's Richardson-number 3
 Patnaik, A 28
 Patra, G.K 27,28
 Paul, J 9
 phase plane 20
 physical-biological-chemical model 1,2
 phytoplankton 3
 Pokhriyal, S.P 13
 polymeric fluids 16
 polypurine/polypyrimidine 22,23
 Port Blair 8
 Prabhu, N 27
 Prahlad, T.S 1
 Prakash, D.S 19,29
 precipitation process 2
 probability density function 23
 Rajasekar, A.S 1
 Raju, K.N 1
 Ramamurthy and Arora criterion 14
 Rameshan, K 2,22
 Redfield ratio 3
 Reynolds number 17
 rheology 16
 road pavement 13
 RRL, Jorhat 11,12,31
 Sagaing fault 8,9
 Sangeeta 11
 Santha Prakash Mathias 1
 sea level variations 6
 sea surface temperature (SST) 1,2
 seafloor spreading 8,9
 sequence analysis 22
 shales 9,10
 Sharada, M.K 5,6,21,29
 Sikkim Himalaya 9,10
 simulation 1-6, 9-11, 16, 20, 26, 28, 29, 31
 Singh, R.N 1,9,11,28
 Sita, S 1
 Sitharam, T.G 14
 solar radiation 3
 Sowmya Raghavan 22,23
 Srideve Jade 13,14,16,19,27,28
 stability limits, I_2 and I_∞ 16

Stella Margarat, A 1
stochastic 1,23
strain rate 8
strength criteria 13,14
stress-strain curves 14
Sukhi 8
supersymmetric finite-difference formulae 16
surface deflection 13
Suryanarayana , G.K 17,28
Swathi, P.S 4
tangent modulus ratio, E_r 14
Teesta 10
Thangavelu, R.P 27

thermal conductivity 10,11
thermal perturbation 11
time series 3,20
transfer matrix 13
Tungnath 8
Vaidya, P.G 20
vented sphere 16,17
visco elasticity 16
Weissenberg number, We 16
Xie-Arkin precipitation data 2
Yajnik, K.S 1, 29
Yudhbir et al., criterion 14
zooplankton 20