

# CITATION REPORT

List of articles citing

## Global Perspectives on Loss of Human Life Caused by Floods

DOI: 10.1007/s11069-004-8891-3  
Natural Hazards, 2005, 34, 151-175.

**Source:** <https://exaly.com/paper-pdf/38515915/citation-report.pdf>

**Version:** 2024-04-26

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

| #   | Paper   | IF | Citations |
|-----|---|----|-----------|
| 555 | Climate change and human health in cities. 179-214  |    | 19        |
| 554 | Floods should not mean disasters. <b>2005</b> , 33, 287-292   |    | 1         |
| 553 | Advances in Decision Support Systems for Flood Disaster Management: Challenges and Opportunities. <b>2005</b> , 21, 593-612                                       |    | 17        |
| 552 | AN EMPIRICAL MODEL OF FATALITIES AND INJURIES DUE TO FLOODS IN JAPAN <sup>1</sup> . <b>2006</b> , 42, 863-875   |    | 25        |
| 551 | Problèmes liés aux prévisions et la gestion des inondations naturelles et des crues soudaines. <b>2007</b> , 93, 37-42  |    |           |
| 550 | Years of potential life lost in residents affected by floods in Hunan, China. <b>2007</b> , 101, 299-304  |    | 19        |
| 549 | Multi-Criteria Decision Support Systems for Flood Hazard Mitigation and Emergency Response in Urban Watersheds <sup>1</sup> . <b>2007</b> , 43, 346-358           |    | 63        |
| 548 | Global evidence that deforestation amplifies flood risk and severity in the developing world. <b>2007</b> , 13, 2379-2395   |    | 337       |
| 547 | How to get there? Assessing motorists' flash flood risk perception on daily itineraries. <b>2007</b> , 7, 235-244   |    | 126       |
| 546 | Rapid Response Flood Assessment Using Minimum Noise Fraction and Composed Spline Interpolation. <b>2007</b> , 45, 3204-3211                                       |    | 10        |
| 545 | Major flood disasters in Europe: 1950-2005. <i>Natural Hazards</i> , <b>2007</b> , 42, 125-148  | 3  | 347       |
| 544 | Adequacy of satellite derived rainfall data for stream flow modeling. <i>Natural Hazards</i> , <b>2007</b> , 43, 167-185 <sup>3</sup>                             |    | 120       |
| 543 | Flood hazard assessment of Atrato River in Colombia. <i>Water Resources Management</i> , <b>2007</b> , 21, 591-609 <sup>3,7</sup>                                 |    | 78        |
| 542 | Flood hazard in Hunan province of China: an economic loss analysis. <i>Natural Hazards</i> , <b>2008</b> , 47, 65-73  | 3  | 71        |
| 541 | Methods for the estimation of loss of life due to floods: a literature review and a proposal for a new method. <i>Natural Hazards</i> , <b>2008</b> , 46, 353-389 | 3  | 174       |
| 540 | Human Instability in Flood Flows <sup>1</sup> . <b>2008</b> , 44, 1208-1218   |    | 91        |
| 539 | Loss of life due to floods. <b>2008</b> , 1, 43-56  |    | 154       |

|     |   |   |     |
|-----|---|---|-----|
| 538 | Flood Fatalities in the United States. <b>2008</b> , 47, 805-818  |   | 341 |
| 537 | Building Hazard Resilient Communities in Coastal Southeast Asia: Lessons for Research, Policy, and Practice. <b>2008</b> ,  |   | 1   |
| 536 | RISK ANALYSIS OF DISASTER LOSS BASED ON MAXIMUM ENTROPY PRINCIPLE. <b>2008</b> ,  |   |     |
| 535 | The Swiss flood and landslide damage database 1972-2007. <b>2009</b> , 9, 913-925   |   | 167 |
| 534 | Morbidity and mortality among populations suffering floods in Hunan, China: the role of socioeconomic status. <b>2009</b> , 2, 222-228  |   | 6   |
| 533 | Understanding and enhancing the public's behavioural response to flood warning information. <b>2009</b> , 16, 103-114   |   | 133 |
| 532 | Driving factors for social vulnerability to coastal hazards in Southeast Asia: results from the meta-analysis. <i>Natural Hazards</i> , <b>2010</b> , 54, 901-929               | 3 | 44  |
| 531 | Prediction of posttraumatic stress disorder among adults in flood district. <b>2010</b> , 10, 207   |   | 23  |
| 530 | Precipitation Measurement and the Advancement Toward Global Observations. <b>2010</b> , 4, 956-978  |   | 4   |
| 529 | A general approach for the estimation of loss of life due to natural and technological disasters. <b>2010</b> , 95, 1123-1133   |   | 21  |
| 528 | A delphi method expert survey to derive standards for flood damage data collection. <b>2010</b> , 30, 107-24  |   | 42  |
| 527 | Flood fatalities in contemporary Australia (1997-2008). <b>2010</b> , 22, 180-6   |   | 76  |
| 526 | Proposal for a quantitative index of flood disasters. <b>2010</b> , 34, 695-704   |   | 3   |
| 525 | Assessment of the susceptibility of roads to flooding based on geographical information system in a flash flood prone area (the Gard region, France). <b>2010</b> , 10, 793-803 |   | 42  |
| 524 | The Earth radiation balance as driver of the global hydrological cycle. <b>2010</b> , 5, 025203   |   | 64  |
| 523 | Review article "Assessment of economic flood damage"; <b>2010</b> , 10, 1697-1724   |   | 696 |
| 522 | Interactions among Flood Predictions, Decisions, and Outcomes: Synthesis of Three Cases. <b>2010</b> , 11, 83-96  |   | 25  |
| 521 | Climate change impacts on biodiversity: a short introduction with special emphasis on the ALARM approach for the assessment of multiple risks. <b>2010</b> , 5, 3-29            |   | 2   |

|     |  |      |
|-----|--|------|
| 520 | Flood fatalities in Africa: From diagnosis to mitigation. <b>2010</b> , 37, n/a-n/a  | 225  |
| 519 | Design and deployment of a robust remote river level sensor network. <b>2011</b> ,   | 3    |
| 518 | Satellite Remote Sensing and Hydrologic Modeling for Flood Inundation Mapping in Lake Victoria Basin: Implications for Hydrologic Prediction in Ungauged Basins. <b>2011</b> , 49, 85-95 | 169  |
| 517 | Rapid response flood detection using the MSG geostationary satellite. <b>2011</b> , 13, 536-544  | 31   |
| 516 | An analysis of the public perception of flood risk on the Belgian coast. <b>2011</b> , 31, 1055-68   | 200  |
| 515 | Flood hazard, floodplain policy and flood management. 649-670  |      |
| 514 | Current status of Korean streams and exploring areas with high necessity for stream structure restoration. <b>2011</b> , 47, S117-S125   | 4    |
| 513 | Emotions, trust, and perceived risk: affective and cognitive routes to flood preparedness behavior. <b>2011</b> , 31, 1658-75  | 322  |
| 512 | Flash flood forecasting, warning and risk management: the HYDRATE project. <b>2011</b> , 14, 834-844   | 200  |
| 511 | Comparison of flood management options for the Yang River Basin, Thailand. <b>2011</b> , 60, 526-543   | 13   |
| 510 | Spatial variability assessment of river-line floods and flash floods in Himalaya. <b>2012</b> , 21, 135-159  | 22   |
| 509 | An integrated and transferable climate change vulnerability assessment for regional application. <i>Natural Hazards</i> , <b>2012</b> , 64, 1977-1999                                    | 3 21 |
| 508 | Geo-diversity and its hydrological response in relation to landslide susceptibility in the Himalaya: a GIS-based case study. <b>2012</b> , 6, 229-251                                    | 3    |
| 507 | Hierarchical Classifier-Regression Ensemble for Multi-phase Non-linear Dynamic System Response Prediction: Application to Climate Analysis. <b>2012</b> ,                                | 2    |
| 506 | Flood regulating ecosystem services Mapping supply and demand, in the Etropole municipality, Bulgaria. <b>2012</b> , 21, 67-79   | 224  |
| 505 | Global exposure to river and coastal flooding: Long term trends and changes. <b>2012</b> , 22, 823-835   | 458  |
| 504 | Comparative flood damage model assessment: towards a European approach. <b>2012</b> , 12, 3733-3752  | 264  |
| 503 | A quantitative flood risk analysis methodology for urban areas with integration of social research data. <b>2012</b> , 12, 2843-2863   | 35   |

|     |   |     |     |
|-----|---|-----|-----|
| 502 | Geo-hydrological database modeling for integrated multiple hazards and risk assessment in Lesser Himalaya: a GIS-based case study. <i>Natural Hazards</i> , <b>2012</b> , 62, 1233-1260                             | 3   | 16  |
| 501 | Geoinformatics for assessing the morphometric control on hydrological response at watershed scale in the Upper Indus Basin. <b>2012</b> , 121, 659-686  |     | 94  |
| 500 | Vehicle-related flood deaths in the United States, 1995-2005. <b>2012</b> , 5, 153-163  |     | 35  |
| 499 | Flood hazard assessment and management of fetch-limited coastal environments. <b>2012</b> , 65, 15-25   |     | 15  |
| 498 | Coastal flood risks and seasonal tourism: analysing the effects of tourism dynamics on casualty calculations. <i>Natural Hazards</i> , <b>2012</b> , 60, 1211-1229  | 3   | 11  |
| 497 | Flood events, fatalities and damages in India from 1978 to 2006. <i>Natural Hazards</i> , <b>2013</b> , 69, 1815-1834   | 3   | 55  |
| 496 | Mortality of game mammals caused by an extreme flooding event in south-western Poland. <i>Natural Hazards</i> , <b>2013</b> , 69, 85-97   | 3   | 13  |
| 495 | Extreme Weather Events. <b>2013</b> , 3-16  |     | 3   |
| 494 | Flood Hazards Mitigation Analysis Using Remote Sensing and GIS: Correspondence with Town Planning Scheme. <i>Water Resources Management</i> , <b>2013</b> , 27, 2353-2368   | 3.7 | 89  |
| 493 | Spatial prediction of flood susceptible areas using rule based decision tree (DT) and a novel ensemble bivariate and multivariate statistical models in GIS. <i>Journal of Hydrology</i> , <b>2013</b> , 504, 69-79 | 6   | 410 |
| 492 | Climate hazards in drylands: A review. <b>2013</b> , 126, 48-57   |     | 77  |
| 491 | Integrated analysis of societal vulnerability in an extreme precipitation event: A Fort Collins case study. <b>2013</b> , 26, 49-62   |     | 33  |
| 490 | First insight into the probabilistic evacuation criteria in the Netherlands. <b>2013</b> , 6, 99-111  |     |     |
| 489 | A survey to identify physically demanding tasks performed during storm damage operations by Australian State Emergency Services personnel. <b>2013</b> , 44, 128-33   |     | 6   |
| 488 | Supplementing flash flood reports with impact classifications. <i>Journal of Hydrology</i> , <b>2013</b> , 477, 1-16  | 6   | 45  |
| 487 | Power Law and Entropy Analysis of Catastrophic Phenomena. <b>2013</b> , 2013, 1-10  |     | 7   |
| 486 | 2010-2011 Queensland floods: using Haddon's Matrix to define and categorise public safety strategies. <b>2013</b> , 25, 345-52  |     | 17  |
| 485 | Does development reduce fatalities from natural disasters? New evidence for floods. <b>2013</b> , 18, 649-679   |     | 24  |

|     |  |      |
|-----|--|------|
| 484 | Flood Mapping and Flood Dynamics of the Mekong Delta: ENVISAT-ASAR-WSM Based Time Series Analyses. <b>2013</b> , 5, 687-715  | 156  |
| 483 | Varying Scale and Capability of Envisat ASAR-WSM, TerraSAR-X Scansar and TerraSAR-X Stripmap Data to Assess Urban Flood Situations: A Case Study of the Mekong Delta in Can Tho Province. <b>2013</b> , 5, 5122-5142 | 32   |
| 482 | Influence of flood risk characteristics on flood insurance demand: a comparison between Germany and the Netherlands. <b>2013</b> , 13, 1691-1705   | 44   |
| 481 | Application of Remote Sensing and Geographical Information Systems in Flood Management: A Review. <b>2013</b> , 6, 1884-1894   | 42   |
| 480 | A systemic method for evaluating the potential impacts of floods on network infrastructures. <b>2013</b> , 13, 983-998   | 17   |
| 479 | Factors increasing vulnerability to health effects before, during and after floods. <b>2013</b> , 10, 7015-67  | 75   |
| 478 | Flood risk and uncertainty. 190-233  | 5    |
| 477 | References. 239-288  |      |
| 476 | Integrated Assessment of Vulnerability to Climate Change: the Case Study North RhineWestphalia. <b>2013</b> , 175-204  |      |
| 475 | MODIS Inundation Estimate Assimilation into Soil Moisture Accounting Hydrologic Model: A Case Study in Southeast Asia. <b>2014</b> , 6, 10835-10859  | 6    |
| 474 | A GIS-based model to estimate flood consequences and the degree of accessibility and operability of strategic emergency response structures in urban areas. <b>2014</b> , 14, 2847-2865                              | 37   |
| 473 | The value of integrating information from multiple hazards for flood risk analysis and management. <b>2014</b> , 14, 379-400   | 14   |
| 472 | Development of a self-administered questionnaire to assess the psychological competencies for surviving a disaster. <b>2014</b> , 8, 220-228   | 3    |
| 471 | HyMeX: A 10-Year Multidisciplinary Program on the Mediterranean Water Cycle. <b>2014</b> , 95, 1063-1082   | 254  |
| 470 | Land-use simulation as a supporting tool for flood risk assessment and coastal safety planning: The case of the Belgian coast. <b>2014</b> , 101, 102-113  | 18   |
| 469 | Links between circulation types and precipitation in Central Europe in the observed data and regional climate model simulations. <b>2014</b> , 34, 2885-2898   | 13   |
| 468 | Does mitigation save? Reviewing cost-benefit analyses of disaster risk reduction. <b>2014</b> , 10, 213-235  | 121  |
| 467 | DISASTER: a GIS database on hydro-geomorphologic disasters in Portugal. <i>Natural Hazards</i> , <b>2014</b> , 72, 503-532   | 3 89 |

|     |   |     |     |
|-----|---|-----|-----|
| 466 | Assessing the immediate and short-term impact of flooding on residential property participant behaviour. <i>Natural Hazards</i> , <b>2014</b> , 71, 1519-1536           | 3   | 22  |
| 465 | Disaster resilience in a flood-impacted rural Australian town. <i>Natural Hazards</i> , <b>2014</b> , 71, 683-701   | 3   | 69  |
| 464 | Mathematical Methods in Engineering. <b>2014</b> ,  |     | 2   |
| 463 | Analysis of flash flood parameters and human impacts in the US from 2006 to 2012. <i>Journal of Hydrology</i> , <b>2014</b> , 519, 863-870                              | 6   | 110 |
| 462 | New criterion for the stability of a human body in floodwaters. <b>2014</b> , 52, 93-104  |     | 74  |
| 461 | Washed away—Assessing community perceptions of flooding and prevention strategies: a North Queensland example. <i>Natural Hazards</i> , <b>2014</b> , 73, 1977-1998     | 3   | 25  |
| 460 | The Regional Limit of Flood-Bearing Capability: A Theoretical Model and Approaches. <i>Water Resources Management</i> , <b>2014</b> , 28, 1921-1936                     | 3-7 | 3   |
| 459 | Impacts of high-intensity storms on urban transportation: applying traffic flow control methodologies for quantifying the effects. <b>2014</b> , 11, 2145-2154          |     | 23  |
| 458 | Hydrogeomorphic response to extreme rainfall in headwater systems: Flash floods and debris flows. <i>Journal of Hydrology</i> , <b>2014</b> , 518, 194-205              | 6   | 253 |
| 457 | An inventory of flood events in Athens, Greece, during the last 130 years. Seasonality and spatial distribution. <b>2014</b> , 7, 332-343                               |     | 26  |
| 456 | Briefing: Lessons learned from failures of flood defences. <b>2015</b> , 168, 85-88   |     | 1   |
| 455 | Flash Flood Forecasting Based on Rainfall Thresholds. <b>2015</b> , 1-38  |     | 9   |
| 454 | Assessing the vulnerability of different age groups regarding flood fatalities: case study in the Philippines. <b>2015</b> , 17, 1045-1061                              |     | 11  |
| 453 | Flash Flood Risks and Warning Decisions: A Mental Models Study of Forecasters, Public Officials, and Media Broadcasters in Boulder, Colorado. <b>2015</b> , 35, 2009-28 |     | 45  |
| 452 | Trends in water level and flooding in Dhaka, Bangladesh and their impact on mortality. <b>2015</b> , 12, 1196-215   |     | 13  |
| 451 | Identifying hydro-meteorological events from precipitation extremes indices and other sources over northern Namibia, Cuvelai Basin. <b>2015</b> , 7, 177                |     | 3   |
| 450 | Dynamics of large wood during a flash flood in two mountain catchments. <b>2015</b> , 15, 1741-1755   |     | 52  |
| 449 | Flash flood occurrence and relation to the rainfall hazard in a highly urbanized area. <b>2015</b> , 15, 1859-1871  |     | 51  |

|     |   |   |     |
|-----|---|---|-----|
| 448 | Forests and Food: Addressing Hunger and Nutrition Across Sustainable Landscapes. <b>2015,</b>   |   | 13  |
| 447 | Debris-flow activity from high-elevation, periglacial environments. 295-314   |   |     |
| 446 | A Sharable and Efficient Metadata Model for Heterogeneous Earth Observation Data Retrieval in Multi-Scale Flood Mapping. <b>2015,</b> 7, 9610-9631                |   | 7   |
| 445 | ISFRAM 2014. <b>2015,</b>   |   | 2   |
| 444 | Local perception of infrequent, extreme upland flash flooding: prisoners of experience?. <b>2015,</b> 39, 546-69  |   | 18  |
| 443 | Detecting floodplain inundation based on the upstream-downstream relationship. <i>Journal of Hydrology,</i> <b>2015,</b> 530, 195-205                             | 6 | 7   |
| 442 | Flood hazard, Santa Cruz do Bispo Sector, Leã River, Portugal: a methodological contribution to improve land use planning. <b>2015,</b> 11, 760-771               |   | 10  |
| 441 | Modelling the anthropogenic impacts on fluvial flood risks in a coastal mega-city: A scenario-based case study in Shanghai, China. <b>2015,</b> 136, 144-155      |   | 41  |
| 440 | Increased frequency of extreme La Niã events under greenhouse warming. <b>2015,</b> 5, 132-137  |   | 382 |
| 439 | Integrated research on disaster risk: Is it really integrated?. <b>2015,</b> 12, 255-267  |   | 84  |
| 438 | A spatial risk analysis of tornado-induced human injuries and fatalities in the USA. <i>Natural Hazards,</i> <b>2015,</b> 77, 1223-1242                           | 3 | 15  |
| 437 | Understanding trends and projections of disaster losses and climate change: is vulnerability the missing link?. <b>2015,</b> 133, 23-35                           |   | 116 |
| 436 | A temporal assessment of flooding fatalities in Pakistan (1950-2012). <b>2015,</b> 8, 62-70   |   | 12  |
| 435 | Evolution of flood risk over large areas: Quantitative assessment for the Po river. <i>Journal of Hydrology,</i> <b>2015,</b> 527, 809-823                        | 6 | 61  |
| 434 | Establishment of a regional flood information system in the Hindu Kush Himalayas: challenges and opportunities. <b>2015,</b> 31, 238-252                          |   | 16  |
| 433 | Declining vulnerability to river floods and the global benefits of adaptation. <b>2015,</b> 112, E2271-80   |   | 209 |
| 432 | Parameter regionalization for a process-oriented distributed model dedicated to flash floods. <i>Journal of Hydrology,</i> <b>2015,</b> 525, 383-399              | 6 | 27  |
| 431 | Dynamics of disaster-induced risk in southwestern coastal Bangladesh: an analysis on tropical Cyclone Aila 2009. <i>Natural Hazards,</i> <b>2015,</b> 75, 727-754 | 3 | 48  |



|     |   |   |    |
|-----|---|---|----|
| 430 | A macro-scale flood risk model for Jamaica with impact of climate variability. <i>Natural Hazards</i> , <b>2015</b> , 78, 231-256                                       | 3 | 11 |
| 429 | The character and causes of flash flood occurrence changes in mountainous small basins of Southern California under projected climatic change. <b>2015</b> , 3, 312-336 |   | 34 |
| 428 | Full 2D hydrodynamic modelling of rainfall-induced flash floods. <b>2015</b> , 12, 1203-1218  |   | 9  |
| 427 | Dynamic vulnerability factors for impact-based flash flood prediction. <i>Natural Hazards</i> , <b>2015</b> , 79, 1481-1497   |   | 67 |
| 426 | A Review of People's Behavior in and around Floodwater. <b>2015</b> , 7, 321-332  |   | 40 |
| 425 | Mountain Hazards and Disaster Risk Reduction. <b>2015</b> ,   |   | 8  |
| 424 | A review on the characterization of signals and systems by power law distributions. <b>2015</b> , 107, 246-253  |   | 15 |
| 423 | Econometric Evidence on Forest Ecosystem Services: Deforestation and Flooding in Malaysia. <b>2016</b> , 63, 25-44  |   | 28 |
| 422 | Exploring the Inadequacy of Pertinent Capacities for Urban Flood Risk Management in the Developing Countries. <b>2016</b> , 12, 136-151                                 |   | 1  |
| 421 | Natural hazard fatalities in Switzerland from 1946 to 2015. <b>2016</b> , 16, 2747-2768   |   | 64 |
| 420 | Flash Flood Monitoring with an Inclined Lidar Installed at a River Bank: Proof of Concept. <b>2016</b> , 8, 834   |   | 7  |
| 419 | Long-term entrenchment and consequences for present flood hazard in the Garona River (Val d'Aran, Central Pyrenees, Spain). <b>2016</b> , 16, 2055-2070                 |   | 7  |
| 418 | Natural hazard fatalities in Switzerland from 1946 to 2015. <b>2016</b> ,   |   | 1  |
| 417 | Major Natural Disasters in China, 1985-2014: Occurrence and Damages. <b>2016</b> , 13,  |   | 26 |
| 416 | Comparative hazard analysis of processes leading to remarkable flash floods (France, 1930-1999). <i>Journal of Hydrology</i> , <b>2016</b> , 541, 533-552               | 6 | 13 |
| 415 | Modeling flash floods in southern France for road management purposes. <i>Journal of Hydrology</i> , <b>2016</b> , 541, 190-205   | 6 | 17 |
| 414 | Mortality Patterns of Hydro-Geomorphologic Disasters. <b>2016</b> , 36, 1188-210  |   | 35 |
| 413 | Effectiveness of emergency measures for flood prevention. <b>2016</b> , 9, 320-334  |   | 8  |

|     |   |     |    |
|-----|---|-----|----|
| 412 | Estimating the microbiological risks associated with inland flood events: Bridging theory and models of pathogen transport. <b>2016</b> , 46, 1787-1833                                     |     | 5  |
| 411 | Exploring underlying causes and assessing damages of 2010 flash flood in the upper zone of Panjkora River. <i>Natural Hazards</i> , <b>2016</b> , 83, 1213-1227                             | 3   | 24 |
| 410 | Employees' Perceptions of Workplace Preparedness for Climate Change-Related Natural Hazards. <b>2016</b> , 7, 62-78   |     | 2  |
| 409 | Assessment of commuters' daily exposure to flash flooding over the roads of the Gard region, France. <i>Journal of Hydrology</i> , <b>2016</b> , 541, 636-648                               | 6   | 16 |
| 408 | Comparative Study of Three Updating Procedures for Real-Time Flood Forecasting. <i>Water Resources Management</i> , <b>2016</b> , 30, 2111-2126   | 3-7 | 31 |
| 407 | Rainfall-runoff modelling using a spatially distributed electrical circuit analogue. <i>Natural Hazards</i> , <b>2016</b> , 82, 1279-1300   | 3   | 3  |
| 406 | Flash floods, hydro-geomorphic response and risk management. <i>Journal of Hydrology</i> , <b>2016</b> , 541, 1-5   | 6   | 19 |
| 405 | Multi-Objective Optimal Design of Detention Tanks in the Urban Stormwater Drainage System: LID Implementation and Analysis. <i>Water Resources Management</i> , <b>2016</b> , 30, 4635-4648 | 3-7 | 60 |
| 404 | Effects of Urbanization and Climate Change on Peak Flows over the San Antonio River Basin, Texas. <b>2016</b> , 17, 2371-2389   |     | 30 |
| 403 | Flood hazard assessment for extreme flood events. <i>Natural Hazards</i> , <b>2016</b> , 84, 1569-1599  | 3   | 55 |
| 402 | Stability criterion for people in floods for various slopes. <b>2016</b> , 169, 180-189   |     | 6  |
| 401 | Attribution of regional flood changes based on scaling fingerprints. <b>2016</b> , 52, 5322-5340  |     | 52 |
| 400 | "Know What to Do If You Encounter a Flash Flood": Mental Models Analysis for Improving Flash Flood Risk Communication and Public Decision Making. <b>2016</b> , 36, 411-27                  |     | 52 |
| 399 | Improvement of resilience of urban areas by integrating social perception in flash-flood risk management. <i>Journal of Hydrology</i> , <b>2016</b> , 541, 665-676                          | 6   | 77 |
| 398 | Circulation patterns related to debris-flow triggering in the Zermatt valley in current and future climates. <b>2016</b> , 272, 127-136   |     | 10 |
| 397 | Floods and associated socioeconomic damages in China over the last century. <i>Natural Hazards</i> , <b>2016</b> , 82, 401-413  | 3   | 88 |
| 396 | Future Changes in Floods and Water Availability across China: Linkage with Changing Climate and Uncertainties. <b>2016</b> , 17, 1295-1314  |     | 27 |
| 395 | Flood risk perception in flood-affected communities in Lagos, Nigeria. <i>Natural Hazards</i> , <b>2016</b> , 80, 445-469   |     | 47 |

|     |   |     |
|-----|---|-----|
| 394 | Ganga floods of 2010 in Uttar Pradesh, north India: a perspective analysis using satellite remote sensing data. <b>2016</b> , 7, 747-763                            | 18  |
| 393 | Modelling the influences of climate change-associated sea-level rise and socioeconomic development on future storm surge mortality. <b>2016</b> , 134, 441-455      | 18  |
| 392 | Climate change impact assessment on flow regime by incorporating spatial correlation and scenario uncertainty. <b>2017</b> , 129, 607-622                           | 4   |
| 391 | Flood fatalities in Greece: 1970-2010. <b>2017</b> , 10, 115-123  | 43  |
| 390 | Operational Quality Control and Enhancement of Radar Data to Support Regional Flash Flood Warning Systems. <b>2017</b> , 22,  | 3   |
| 389 | Global projections of river flood risk in a warmer world. <b>2017</b> , 5, 171-182  | 288 |
| 388 | Geomorphic classifiers for flood-prone areas delineation for data-scarce environments. <b>2017</b> , 102, 13-28   | 65  |
| 387 | The Perils in Brief. <b>2017</b> , 187-296  |     |
| 386 | Hydraulic hazard exposure of humans swept away in a whitewater river. <i>Natural Hazards</i> , <b>2017</b> , 88, 473-502  | 1   |
| 385 | Frequency Analysis of Annual Maximum Flood for Segamat River. <b>2017</b> , 103, 04003  | 1   |
| 384 | A MODIS-based automated flood monitoring system for southeast asia. <b>2017</b> , 61, 104-117   | 35  |
| 383 | Urban Area Response to Flash Flood Triggering Rainfall, Featuring Human Behavioral Factors: The Case of 22 October 2015 in Attica, Greece. <b>2017</b> , 9, 621-638 | 24  |
| 382 | Analysis of large flood events: Based on flood data during 1985-2016 in Australia and India. <b>2017</b> , 24, 1-11   | 39  |
| 381 | Comparing flood mortality in Portugal and Greece (Western and Eastern Mediterranean). <b>2017</b> , 22, 147-157   | 45  |
| 380 | Subseasonal Prediction of Extreme Precipitation over Asia: Boreal Summer Intraseasonal Oscillation Perspective. <b>2017</b> , 30, 2849-2865                         | 26  |
| 379 | A Situation-Based Analysis of Flash Flood Fatalities in the United States. <b>2017</b> , 98, 333-345  | 64  |
| 378 | Data Collection for a Better Understanding of What Causes Flood Damage Experiences with Telephone Surveys. <b>2017</b> , 95-106                                     | 14  |
| 377 | Exploring the Inadequacy of Pertinent Capacities for Urban Flood Risk Management in the Developing Countries. <b>2017</b> , 563-587                                 |     |

|     |   |   |     |
|-----|---|---|-----|
| 376 | GIS-based spatial prediction of flood prone areas using standalone frequency ratio, logistic regression, weight of evidence and their ensemble techniques. <b>2017</b> , 8, 1538-1561 |   | 98  |
| 375 | Extreme Precipitation in the West African Cities of Dakar and Ouagadougou: Atmospheric Dynamics and Implications for Flood Risk Assessments. <b>2017</b> , 18, 2937-2957              |   | 34  |
| 374 | Geo-hydrological analysis and sub watershed prioritization for flash flood risk using weighted sum model and Snyder's synthetic unit hydrograph. <b>2017</b> , 3, 1491-1502           |   | 25  |
| 373 | HOWAS21, the German Flood Damage Database. <b>2017</b> , 65-75  |   | 7   |
| 372 | Climate-driven variability in the occurrence of major floods across North America and Europe. <i>Journal of Hydrology</i> , <b>2017</b> , 552, 704-717                                | 6 | 85  |
| 371 | Regionalization and susceptibility assessment to daily precipitation extremes in mainland Portugal. <b>2017</b> , 86, 128-138   |   | 25  |
| 370 | Characterizing the Extent of Spatially Integrated Floodplain and Wetland Systems in the White River, Indiana, USA. <b>2017</b> , 53, 774-790  |   | 4   |
| 369 | The Defining Characteristics of ENSO Extremes and the Strong 2015/2016 El Niño. <b>2017</b> , 55, 1079-1129   |   | 212 |
| 368 | Gauging Through the Crowd: A Crowd-Sourcing Approach to Urban Rainfall Measurement and Storm Water Modeling Implications. <b>2017</b> , 53, 9462-9478                                 |   | 21  |
| 367 | Who can you trust? Implications of institutional vulnerability in flood exposure along the Spanish Mediterranean coast. <b>2017</b> , 76, 29-39                                       |   | 17  |
| 366 | Development of flood inundation extent libraries over a range of potential flood levels: a practical framework for quick flood response. <b>2017</b> , 8, 384-401                     |   | 20  |
| 365 | Moving toward Subkilometer Modeling Grid Spacings: Impacts on Atmospheric and Hydrological Simulations of Extreme Flash Flood-Inducing Storms. <b>2017</b> , 18, 209-226              |   | 12  |
| 364 | Hydrological threats to riparian wetlands of international importance – a global quantitative and qualitative analysis. <b>2017</b> , 21, 2799-2815                                   |   | 25  |
| 363 | Simulating Flash Floods at Hourly Time-Step Using the SWAT Model. <b>2017</b> , 9, 929  |   | 35  |
| 362 | Evaluating Conveyance-Based DEM Correction Technique on NED and SRTM DEMs for Flood Impact Assessment of the 2010 Cumberland River Flood. <b>2017</b> , 7, 132                        |   | 6   |
| 361 | Development of a Precipitation-Area Curve for Warning Criteria of Short-Duration Flash Flood. <b>2017</b> ,   |   |     |
| 360 | Topography- and nightlight-based national flood risk assessment in Canada. <b>2017</b> , 21, 2219-2232  |   | 16  |
| 359 | Examining the utility of river restoration approaches for flood mitigation and channel stability enhancement: a recent review. <b>2018</b> , 77, 1                                    |   | 23  |

|     |   |   |     |
|-----|---|---|-----|
| 358 | Global mortality from storm surges is decreasing. <b>2018</b> , 13, 014008  |   | 25  |
| 357 | An active monitoring method for flood events. <b>2018</b> , 116, 42-52  |   | 5   |
| 356 | A global network for operational flood risk reduction. <b>2018</b> , 84, 149-158  |   | 59  |
| 355 | Hydrological Modelling using HEC-HMS for Flood Risk Assessment of Segamat Town, Malaysia. <b>2018</b> , 318, 012029   |   | 7   |
| 354 | On the performance of satellite precipitation products in riverine flood modeling: A review. <i>Journal of Hydrology</i> , <b>2018</b> , 558, 214-224   | 6 | 111 |
| 353 | A GIS tool for cost-effective delineation of flood-prone areas. <b>2018</b> , 70, 43-52   |   | 36  |
| 352 | Flood risk management activities in Vietnam: A study of local practice in Quang Nam province. <b>2018</b> , 28, 776-787   |   | 13  |
| 351 | Quantifying the failure probability of a canal levee. <b>2018</b> , 12, 203-217   |   | 6   |
| 350 | Flood hazard vulnerability assessment in Kashmir Valley, India using geospatial approach. <b>2018</b> , 105, 59-71  |   | 7   |
| 349 | Investigation of inducements and defenses of flash floods and urban waterlogging in Fuzhou, China, from 1950 to 2010. <i>Natural Hazards</i> , <b>2018</b> , 91, 803-818  | 3 | 16  |
| 348 | Human damage assessments of coastal flooding for Hong Kong and the Pearl River Delta due to climate change-related sea level rise in the twenty-first century. <i>Natural Hazards</i> , <b>2018</b> , 92, 1011-1038 | 3 | 11  |
| 347 | Forensic hydro-meteorological analysis of an extreme flash flood: The 2016-05-29 event in Braunsbach, SW Germany. <b>2018</b> , 630, 977-991  |   | 40  |
| 346 | Scaling precipitation extremes with temperature in the Mediterranean: past climate assessment and projection in anthropogenic scenarios. <b>2018</b> , 51, 1237-1257  |   | 69  |
| 345 | Surface water flood warnings in England: overview, assessment and recommendations based on survey responses and workshops. <b>2018</b> , 11, S211-S221  |   | 15  |
| 344 | Changes in transport accessibility as a result of flooding: a case study of the Mazovia Province (Eastern Poland). <b>2018</b> , 17, 56-83  |   | 6   |
| 343 | Stereo System for Remote Monitoring of River Flows. <b>2018</b> , 77, 9535-9566   |   |     |
| 342 | Gender, age and circumstances analysis of flood and landslide fatalities in Italy. <b>2018</b> , 610-611, 867-879   |   | 103 |
| 341 | Spatial and temporal analysis of natural hazard mortality in Nepal. <b>2018</b> , 17, 163-179   |   | 10  |

|     |   |    |
|-----|---|----|
| 340 | Review article: Detection of inundation areas due to the 2015 Kanto and Tohoku torrential rain in Japan based on multi-temporal ALOS-2 imagery. <b>2018</b> , 18, 1905-1918 | 17 |
| 339 | Economic development and declining vulnerability to climate-related disasters in China. <b>2018</b> , 13, 034013  | 22 |
| 338 | Missing Women in India: Gender-Specific Effects of Early Life Rainfall Shocks. <b>2018</b> ,  |    |
| 337 | . <b>2018</b> ,   | 3  |
| 336 | Preface. <b>2018</b> , xi-xvi   |    |
| 335 | Investigating Scale Effects of a Hydraulic Physical Model with 3D CFD. <b>2018</b> ,  | 0  |
| 334 | Application of Remote Sensing Technique and Geographic Information Science for Flood Risk Mapping-A Case Study of the Offinso District, Kumasi-Ghana. <b>2018</b> , 07,     | 1  |
| 333 | Flood risk analysis: causes and landscape based mitigation strategies in Dire Dawa city, Ethiopia. <b>2018</b> , 5,   | 21 |
| 332 | FLOOD RISK ASSESSMENT: A REVIEW OF FLOOD DAMAGE ESTIMATION MODEL FOR MALAYSIA. <b>2018</b> , 80,  | 4  |
| 331 | Geographic information system and AHP-based flood hazard zonation of Vaitarna basin, Maharashtra, India. <b>2018</b> , 11, 1  | 62 |
| 330 | Estimating damages from climate-related natural disasters for the Caribbean at 1.5 °C and 2 °C global warming above preindustrial levels. <b>2018</b> , 18, 2297-2312       | 7  |
| 329 | Stability of Individuals during Urban Inundations: What Should We Learn from Field Observations?. <b>2018</b> , 8, 341  | 8  |
| 328 | Assessment of flash flood vulnerability zonation through Geospatial technique in high altitude Himalayan watershed, Himachal Pradesh India. <b>2018</b> , 12, 35-47         | 20 |
| 327 | Detection of inundation areas due to the 2015 Kanto and Tohoku torrential rain in Japan based on multi-temporal ALOS-2 imagery. <b>2018</b> ,                               |    |
| 326 | Dynamic impact analysis of masonry buildings subjected to flood actions. <b>2018</b> , 167, 445-458   | 21 |
| 325 | Development of a precipitation-area curve for warning criteria of short-duration flash flood. <b>2018</b> , 18, 171-183   | 1  |
| 324 | CYGNSS data map flood inundation during the 2017 Atlantic hurricane season. <b>2018</b> , 8, 9336   | 70 |
| 323 | Flood Management in Mahanadi Basin using HEC-RAS and Gumbel Extreme Value Distribution. <b>2018</b> , 99, 751-755   | 4  |

|     |   |   |    |
|-----|---|---|----|
| 322 | Assessing coastal landscape vulnerability using geospatial techniques along VizianagaramBrikakulam coast of Andhra Pradesh, India. <i>Natural Hazards</i> , <b>2018</b> , 94, 711-725     | 3 | 15 |
| 321 | Challenges and Opportunities of Using Big Data for Assessing Flood Risks. <b>2018</b> , 31-42   |   | 3  |
| 320 | El Niño Southern Oscillation (ENSO) and Health: An Overview for Climate and Health Researchers. <b>2018</b> , 9, 282  |   | 23 |
| 319 | Utilization of Mobile Integrated Health Providers During a Flood Disaster in South Carolina (USA). <b>2018</b> , 33, 432-435  |   | 1  |
| 318 | High-impact Weather Events: Is a Socio-hydrometeorological Characterization Possible?. <b>2018</b> , 89-111   |   |    |
| 317 | Comparing Machine Learning and Decision Making Approaches to Forecast Long Lead Monthly Rainfall: The City of Vancouver, Canada. <b>2018</b> , 5, 10                                      |   | 8  |
| 316 | Socioeconomic Impact Evaluation for Near Real-Time Flood Detection in the Lower Mekong River Basin. <b>2018</b> , 5, 23   |   | 12 |
| 315 | Mapping flood susceptibility in an arid region of southern Iraq using ensemble machine learning classifiers: a comparative study. <b>2018</b> , 11, 1                                     |   | 56 |
| 314 | The November 26 and 27, 1927 devastating flood event (NW Algeria): characterization and reconstruction using historical data. <b>2018</b> , 11, 1   |   | 2  |
| 313 | Long-Term Changes in Global Socioeconomic Benefits of Flood Defenses and Residual Risk Based on CMIP5 Climate Models. <b>2018</b> , 6, 938-954  |   | 17 |
| 312 | Constraining coupled hydrological-hydraulic flood model by past storm events and post-event measurements in data-sparse regions. <i>Journal of Hydrology</i> , <b>2018</b> , 565, 160-176 | 6 | 11 |
| 311 | Planform changes and large wood dynamics in two torrents during a severe flash flood in Braunsbach, Germany 2016. <b>2018</b> , 640-641, 315-326  |   | 24 |
| 310 | Estimating Change in Flooding for the 21st Century Under a Conservative RCP Forcing. <b>2018</b> , 157-167  |   | 8  |
| 309 | Flood-induced mortality across the globe: Spatiotemporal pattern and influencing factors. <b>2018</b> , 643, 171-182  |   | 83 |
| 308 | Flood propagation and duration in large river basins: a data-driven analysis for reinsurance purposes. <i>Natural Hazards</i> , <b>2018</b> , 94, 71-92                                   | 3 | 14 |
| 307 | An integrated web framework for HAZUS-MH flood loss estimation analysis. <i>Natural Hazards</i> , <b>2019</b> , 99, 275-286   | 3 | 20 |
| 306 | Using cluster analysis to explore mortality patterns associated with tropical cyclones. <b>2019</b> , 43, 891-905   |   | 1  |
| 305 | Monocular Dynamic Machine Vision-Based Pearl Shape Detection. <b>2019</b> , 24, 654-662   |   |    |

|     |  |     |
|-----|--|-----|
| 304 | RFim: A Real-Time Inundation Extent Model for Large Floodplains Based on Remote Sensing Big Data and Water Level Observations. <b>2019</b> , 11, 1585                              | 4   |
| 303 | Experimental study on the influence of water depth on the evacuation speed of elderly people in flood conditions. <b>2019</b> , 39, 101198   | 19  |
| 302 | Assessment of future flash flood inundations in coastal regions under climate change scenarios-A case study of Hadahe River basin in northeastern China. <b>2019</b> , 693, 133550 | 34  |
| 301 | Range-dependent thresholds for global flood early warning. <b>2019</b> , 4, 100034   | 6   |
| 300 | A Next-Generation Coastal Ocean Operational System: Probabilistic Flood Forecasting at Street Scale. <b>2019</b> , 100, 41-54  | 7   |
| 299 | Farmers' decisions to adapt to flash floods and landslides in the Northern Mountainous Regions of Vietnam. <b>2019</b> , 252, 109672   | 20  |
| 298 | Assessing sub-daily rainstorm variability and its effects on flood processes in the Yangtze River Delta region. <b>2019</b> , 64, 1972-1981  | 2   |
| 297 | Convergence rates of nonlinear Stokes problems in homogenization. <b>2019</b> , 2019,  |     |
| 296 | Mapping Flood-Related Mortality in the Mediterranean Basin. Results from the MEFF v2.0 DB. <b>2019</b> , 11, 2196  | 18  |
| 295 | Hydrological hazard estimation for the municipality of Yautepec de Zaragoza, Morelos, Mexico. <b>2019</b> , 6, 77  | 1   |
| 294 | Optimize Short-Term Rainfall Forecast with Combination of Ensemble Precipitation Nowcasts by Lagrangian Extrapolation. <b>2019</b> , 11, 1752                                      | 3   |
| 293 | A review of the effects of climate change on riverine flooding in subtropical and tropical regions. <b>2019</b> , 10, 687-707  | 27  |
| 292 | Concurrent wet and dry hydrological extremes at the global scale. <b>2019</b> ,  | 2   |
| 291 | Towards an Automatic Early Warning System of Flood Hazards based on Precipitation Forecast: The case of the Miñ River (NW Spain). <b>2019</b> ,                                    | 1   |
| 290 | Direct and indirect health impacts of climate change on the vulnerable elderly population in East China. <b>2019</b> , 27, 295-303   | 2   |
| 289 | A review of quantification methodologies for multi-hazard interrelationships. <b>2019</b> , 196, 102881  | 45  |
| 288 | Numerical characterization of torrential floods in the plain of Sañia (North-East of Morocco). <b>2019</b> , 12, 1   | 1   |
| 287 | Global and Regional Increase of Precipitation Extremes Under Global Warming. <b>2019</b> , 55, 4901  | 160 |



|     |  |    |
|-----|--|----|
| 286 | Improving efficiencies of flood forecasting during lead times: an operational method and its application in the Baiyunshan Reservoir. <b>2019</b> , 50, 709-724  | 2  |
| 285 | A spatial and integrated flood risk diagnosis. <b>2019</b> , 28, 548-564   | 4  |
| 284 | Impacts of flood disasters in Nigeria: A critical evaluation of health implications and management. <b>2019</b> , 11, 557  | 13 |
| 283 | How can Big Data and machine learning benefit environment and water management: a survey of methods, applications, and future directions. <b>2019</b> , 14, 073001   | 98 |
| 282 | Optimisation patterns for the process of a planned evacuation in the event of a flood. <b>2019</b> , 18, 335-360   | 12 |
| 281 | Applicability assessment of the CASCade Two Dimensional SEDiment (CASC2D-SED) distributed hydrological model for flood forecasting across four typical medium and small watersheds in China. <b>2019</b> , 12, | 20 |
| 280 | Sub-seasonal Levee Deformation Observed Using Satellite Radar Interferometry to Enhance Flood Protection. <b>2019</b> , 9, 2646  | 8  |
| 279 | Empathi: An Ontology for Emergency Managing and Planning About Hazard Crisis. <b>2019</b> ,  | 9  |
| 278 | Influence of drainage network and compensatory techniques on urban flooding susceptibility. <b>2019</b> , 79, 1152-1163  | 4  |
| 277 | Deep Convolutional Neural Network for Flood Extent Mapping Using Unmanned Aerial Vehicles Data. <b>2019</b> , 19,  | 73 |
| 276 | Flash Flood Forecasting Based on Rainfall Thresholds. <b>2019</b> , 1223-1260  | 2  |
| 275 | Assessment of 2010 flood disaster causes and damages in district Muzaffargarh, Central Indus Basin, Pakistan. <b>2019</b> , 78, 1  | 14 |
| 274 | Rapid Flood Progress Monitoring in Cropland with NASA SMAP. <b>2019</b> , 11, 191  | 25 |
| 273 | A Survey on Unmanned Surface Vehicles for Disaster Robotics: Main Challenges and Directions. <b>2019</b> , 19,   | 54 |
| 272 | Recent Trends in the Daily Rainfall Regime in Southern West Africa. <b>2019</b> , 10, 741  | 16 |
| 271 | Climate-induced flood inundation in Fogera-Dera Floodplain, Lake Tana basin, Ethiopia. <b>2019</b> , 407-418   | 1  |
| 270 | The Large-Scale Circulation Patterns Responsible for Extreme Precipitation Over the North China Plain in Midsummer. <b>2019</b> , 124, 12794-12809   | 6  |
| 269 | Meteorological conditions leading to the 2015 Salgar flash flood: lessons for vulnerable regions in tropical complex terrain. <b>2019</b> , 19, 2635-2665  | 4  |

|     |  |      |
|-----|--|------|
| 268 | Towards an automatic early warning system of flood hazards based on precipitation forecast: the case of the Miñ River (NW Spain). <b>2019</b> , 19, 2583-2595  | 9    |
| 267 | Influence of Drainage Network and Compensatory Techniques on Urban Flooding Susceptibility. <b>2019</b> , 717-722  |      |
| 266 | Changes in mortality and economic vulnerability to climatic hazards under economic development at the provincial level in China. <b>2019</b> , 19, 125-136   | 5    |
| 265 | The impact of intense rainfall on insurance losses in two Swedish cities. <b>2019</b> , 12,  | 3    |
| 264 | Trends in flood events and their relationship to extreme rainfall in an urban area of Sahelian West Africa: The case study of Ouagadougou, Burkina Faso. <b>2019</b> , 12,   | 15   |
| 263 | Are We Adapting to Floods? Evidence from Global Flooding Fatalities. <b>2019</b> , 39, 1298-1313   | 7    |
| 262 | Community-scale Flood Risk Management: Effects of a Voluntary National Program on Migration and Development. <b>2019</b> , 157, 92-99  | 5    |
| 261 | Detecting flood prone areas in Harris County: a GIS based analysis. <b>2020</b> , 85, 647-663  | 19   |
| 260 | Towards an automated approach to map flooded areas from Sentinel-2 MSI data and soft integration of water spectral features. <b>2020</b> , 84, 101951  | 34   |
| 259 | Simulation and analysis of the moist vortex associated with the extreme rain event of Ouagadougou in 2009. <b>2020</b> , 146, 86-104   | 3    |
| 258 | Spatial and temporal patterns and the socioeconomic impacts of landslides in the tropical and mountainous Colombian Andes. <b>2020</b> , 44, 596-618   | 11   |
| 257 | Heatwaves, droughts, and fires: Exploring compound and cascading dry hazards at the pan-European scale. <b>2020</b> , 134, 105276  | 52   |
| 256 | A record of flooding on the White River, Arkansas derived from tree-ring anatomical variability and vessel width. <b>2020</b> , 41, 83-98  | 12   |
| 255 | Die globale Gesundheitsbelastung durch Bauwerksversagen. <b>2020</b> , 97, 233-242   | 15   |
| 254 | Bayesian modeling of flood control networks for failure cascade characterization and vulnerability assessment. <b>2020</b> , 35, 668-684   | 14   |
| 253 | Towards high resolution flood monitoring: An integrated methodology using passive microwave brightness temperatures and Sentinel synthetic aperture radar imagery. <i>Journal of Hydrology</i> , <b>2020</b> , 582, 124377 | 6 17 |
| 252 | Natural hazard assessment and mapping using remote sensing and QGIS tools for Mumbai city, India. <i>Natural Hazards</i> , <b>2020</b> , 100, 1117-1136  | 3 15 |
| 251 | Flash floods, land-use change, and risk dynamics in mountainous tourist areas: A case study of the Yesanpo Scenic Area, Beijing, China. <b>2020</b> , 50, 101873   | 4    |

|     |  |    |
|-----|--|----|
| 250 | Natural disasters and MNC sub-national investments in China. <b>2020</b> , 28, 245-274   | 31 |
| 249 | Changes in Extreme Precipitation in the Mekong Basin. <b>2020</b> , 2020, 1-10   | 0  |
| 248 | Global Modeling of Seasonal Mortality Rates From River Floods. <b>2020</b> , 8, e2020EF001541  | 4  |
| 247 | Intensive Versus Extensive Events? Insights from Cumulative Flood-Induced Mortality Over the Globe, 1976-2016. <b>2020</b> , 11, 441-451   | 6  |
| 246 | Butterfly effect and a self-modulating El Niño response to global warming. <b>2020</b> , 585, 68-73  | 19 |
| 245 | Risk of extreme high fatalities due to weather and climate hazards and its connection to large-scale climate variability. <b>2020</b> , 162, 507-525                               | 6  |
| 244 | A Hybrid Method for the Run-Of-The-River Hydroelectric Power Plant Energy Forecast: HYPE Hydrological Model and Neural Network. <b>2020</b> , 2, 410-428                           | 2  |
| 243 | Flash flood risk assessment for drainage basins in the Himalayan foreland of Jalpaiguri and Darjeeling Districts, West Bengal. <b>2020</b> , 6, 2263-2289                          | 21 |
| 242 | Evaluation of Flood Prediction Capability of the WRF-Hydro Model Based on Multiple Forcing Scenarios. <b>2020</b> , 12, 874  | 8  |
| 241 | Quantitative assessment of flood risk with evaluation of the effectiveness of dam operation for flood control: A case of the Bago River Basin of Myanmar. <b>2020</b> , 50, 101707 | 15 |
| 240 | A review of flood impact assessment approaches for underground infrastructures in urban areas: a focus on transport systems. <b>2020</b> , 65, 1943-1955                           | 5  |
| 239 | Analysis of Flood Characteristics in the Context of Climate Variability in Northern Algeria: Case of Cheliff Watershed. <b>2020</b> , 95-110                                       |    |
| 238 | Invited perspectives: How machine learning will change flood risk and impact assessment. <b>2020</b> , 20, 1149-1161   | 22 |
| 237 | Concurrent wet and dry hydrological extremes at the global scale. <b>2020</b> , 11, 251-266  | 14 |
| 236 | Extreme Precipitation Events, Floods, and Associated Socio-Economic Damages in China in Recent Decades. <b>2020</b> , 11-29  |    |
| 235 | Assessing flash flood hazard and damages in the southeast United States. <b>2020</b> , 13, e12605  | 16 |
| 234 | Emptying Water Towers? Impacts of Future Climate and Glacier Change on River Discharge in the Northern Tien Shan, Central Asia. <b>2020</b> , 12, 627                              | 9  |
| 233 | Big Data Analytics for Cyber-Physical Systems. <b>2020</b> ,   | 1  |

|     |  |   |    |
|-----|--|---|----|
| 232 | Efficient Calibration of a Conceptual Hydrological Model Based on the Enhanced Gauss-Newton-Marquardt Procedure. <b>2020</b> , 10, 3841                                      |   | 3  |
| 231 | Social Capital and Disaster Resilience Nexus: A Study of Flash Flood Recovery in Jeddah City. <b>2020</b> , 12, 4668   |   | 8  |
| 230 | Analysis of Flood-Vulnerable Areas for Disaster Planning Considering Demographic Changes in South Korea. <b>2020</b> , 12, 4727  |   | 3  |
| 229 | An application-oriented protocol for flood frequency analysis based on botanical evidence. <i>Journal of Hydrology</i> , <b>2020</b> , 590, 125242                           | 6 | 3  |
| 228 | An Empirical Model for Rainfall Maximums Conditioned to Tropospheric Water Vapor Over the Eastern Pacific Ocean. <b>2020</b> , 8,  |   | 1  |
| 227 | Approximate calculation of flash flood maximum inundation extent in small catchment with large elevation difference. <i>Journal of Hydrology</i> , <b>2020</b> , 590, 125195 | 6 | 3  |
| 226 | The state of health in flood-prone areas in the Philippines: The case on the cities of Iligan and Cagayan de Oro. <b>2020</b> , 30, 797-808                                  |   |    |
| 225 | Recent changes in vulnerability and responses of economic and human systems to major extreme weather hazards in the United States. <b>2020</b> , 11, 357-376                 |   | 1  |
| 224 | Analysis of Flood Fatalities—Slovenian Illustration. <b>2020</b> , 12, 64  |   | 12 |
| 223 | Flood impact on Mainland Southeast Asia between 1985 and 2018—the role of tropical cyclones. <b>2020</b> , 13, e12598  |   | 16 |
| 222 | Enhancement of the summer extreme precipitation over North China by interactions between moisture convergence and topographic settings. <b>2020</b> , 54, 2713-2730          |   | 14 |
| 221 | A spatiotemporal deep fusion model for merging satellite and gauge precipitation in China. <i>Journal of Hydrology</i> , <b>2020</b> , 584, 124664                           | 6 | 35 |
| 220 | Urban Flood Depth Estimate With a New Calibrated Curve Number Runoff Prediction Model. <b>2020</b> , 8, 10915-10923  |   | 7  |
| 219 | A review of flood damage analysis for a building structure and contents. <i>Natural Hazards</i> , <b>2020</b> , 102, 967-995   | 3 | 8  |
| 218 | Hybrid Genetic Algorithm-Based Approach for Estimating Flood Losses on Structures of Buildings. <b>2020</b> , 12, 3047   |   | 2  |
| 217 | Impact of Scientific Scrutiny after the 2016 Braunsbach Flash Flood on Flood-Risk Management in the State of Baden-Württemberg, Germany. <b>2020</b> , 12, 1165              |   | 1  |
| 216 | Reconstructing the 2015 Salgar flash flood using radar retrievals and a conceptual modeling framework in an ungauged basin. <b>2020</b> , 24, 1367-1392                      |   | 7  |
| 215 | A Conceptual Framework to Understand the Dynamics of Rural-Urban Linkages for Rural Flood Vulnerability. <b>2020</b> , 12, 2894  |   | 19 |

|     |  |   |    |
|-----|--|---|----|
| 214 | Definición y clasificación de las avenidas torrenciales y su impacto en los Andes colombianos. <b>2020</b> , 29, 242-258   |   | 2  |
| 213 | The impact of humanitarian assistance on post-disaster social vulnerabilities: some early reflections on the Nepal earthquake in 2015. <b>2021</b> , 45, 577-603   |   | 3  |
| 212 | Multi-scenario flash flood hazard assessment based on rainfall runoff modeling and flood inundation modeling: a case study. <i>Natural Hazards</i> , <b>2021</b> , 105, 967-981                              | 3 | 6  |
| 211 | Simulating flash flood hydrographs and behavior metrics across China: Implications for flash flood management. <b>2021</b> , 763, 142977   |   | 4  |
| 210 | Morphometrical analysis of torrential flows-prone catchments in tropical and mountainous terrain of the Colombian Andes by machine learning techniques. <i>Natural Hazards</i> , <b>2021</b> , 105, 983-1012 | 3 | 4  |
| 209 | Impacts of climate change on streamflow and floodplain inundation in a coastal subtropical catchment. <b>2021</b> , 147, 103825  |   | 5  |
| 208 | Temporal Development of Backward Erosion Piping in a Large-Scale Experiment. <b>2021</b> , 147, 04020168   |   | 2  |
| 207 | Socioeconomic Vulnerability to Urban Floods in Guwahati, Northeast India: An Indicator-Based Approach. <b>2021</b> , 457-475   |   | 0  |
| 206 | Farmers' adaptation decisions to landslides and flash floods in the mountainous region of Khyber Pakhtunkhwa of Pakistan. <b>2021</b> , 23, 8573-8600  |   | 4  |
| 205 | Place vulnerability assessment based on the HOP model in the middle and lower reaches of the Yangtze River. <b>2021</b> , 86, 689-710  |   | 0  |
| 204 | Urban and Environmental Hazards. <b>2021</b> , 319-362   |   |    |
| 203 | The investigation of flood risk perception as a quantitative analysis from socio-demographic perspective. <i>Natural Hazards</i> , <b>2021</b> , 106, 715-733  | 3 | 5  |
| 202 | Water and Its Management: Dependence, Linkages and Challenges. <b>2021</b> , 41-85   |   |    |
| 201 | DFO Flood Observatory. <b>2021</b> , 147-164   |   | 3  |
| 200 | Extreme precipitation events in the Mediterranean: Spatiotemporal characteristics and connection to large-scale atmospheric flow patterns. <b>2021</b> , 41, 2710-2728                                       |   | 13 |
| 199 | H2O-Net: Self-Supervised Flood Segmentation via Adversarial Domain Adaptation and Label Refinement. <b>2021</b> ,  |   | 5  |
| 198 | Precipitation: a regional geographic topic with numerous challenges. <b>2021</b> , 1-18  |   |    |
| 197 | Estimation of the Global Health Burden of Structural Collapse. <b>2021</b> , 327-340   |   | 3  |

|     |  |     |   |
|-----|--|-----|---|
| 196 | Enhancing Extreme Weather Early Warning Systems in Upper Bekasi River Basin Through Coupled Hydro-meteorological Model. <b>2021</b> , 249, 03013                               |     |   |
| 195 | Increase of Pluvial Flood in Borelesgamuwa Area with the Climate Change and Land Use Changes. <b>2021</b> , 235-245  |     |   |
| 194 | Climate change affected the spatio-temporal occurrence of disasters in China over the past five centuries. <b>2021</b> , 8, 200731   |     | 0 |
| 193 | Improving quantitative precipitation estimates by radar-rain gauge merging and an integration algorithm in the Yishu River catchment, China. <b>2021</b> , 144, 611-623        |     | 3 |
| 192 | Flood Inundation Assessment in the Low-Lying River Basin Considering Extreme Rainfall Impacts and Topographic Vulnerability. <b>2021</b> , 13, 896                             |     | 4 |
| 191 | Nonlinear Simulation and Vulnerability Analysis of Masonry Structures Impacted by Flash Floods. <b>2021</b> , 2021, 1-20   |     | 0 |
| 190 | India flood inventory: creation of a multi-source national geospatial database to facilitate comprehensive flood research. <i>Natural Hazards</i> , <b>2021</b> , 108, 619-633 | 3   | 5 |
| 189 | Cause and damage analysis of 2010 flood disaster in district Muzaffar Garh, Pakistan. <i>Natural Hazards</i> , <b>2021</b> , 107, 1681-1692                                    | 3   | 6 |
| 188 | Spatio-Temporal Hydrological Model Structure and Parametrization Analysis. <b>2021</b> , 9, 467  |     | 1 |
| 187 | Impact of floods, recovery, and repairs of residential structures in Ghana: insights from homeowners. 1  |     | 1 |
| 186 | A Streamflow Bias Correction and Performance Evaluation Web Application for GEOGloWS ECMWF Streamflow Services. <b>2021</b> , 8, 71  |     | 2 |
| 185 | A Geomorphic Approach for Identifying Flash Flood Potential Areas in the East Rapti River Basin of Nepal. <b>2021</b> , 10, 247  |     | 4 |
| 184 | Contrasting Uncertainties in Estimating Floods and Low Flow Extremes. <i>Water Resources Management</i> , <b>2021</b> , 35, 1775-1795  | 3-7 | 3 |
| 183 | Assessment of potential risks induced by increasing extreme precipitation under climate change. <i>Natural Hazards</i> , <b>2021</b> , 108, 2059-2079                          | 3   | 7 |
| 182 | Geo-spatial Analysis for Flash Flood Susceptibility Mapping in the North-East Haor (Wetland) Region in Bangladesh. <b>2021</b> , 5, 365  |     | 5 |
| 181 | Flash flood type identification and simulation based on flash flood behavior indices in China. <b>2021</b> , 64, 1140-1154   |     | 3 |
| 180 | Arabian Sea Tropical Cyclones: A Spatio-Temporal Analysis in Support of Natural Hazard Risk Appraisal in Oman.   |     |   |
| 179 | Spatiotemporal distribution of flood disasters in Asia and influencing factors in 1980-2019. <i>Natural Hazards</i> , <b>2021</b> , 108, 2721-2738                             | 3   | 2 |

|     |   |   |    |
|-----|---|---|----|
| 178 | Evacuation under flooded conditions: Experimental investigation of the influence of water depth on walking behaviors. <b>2021</b> , 58, 102192                        |   | 5  |
| 177 | Climate Change Projections of Dry and Wet Events in Iberia Based on the WASP-Index. <b>2021</b> , 9, 94   |   | 3  |
| 176 | Assimilating X- and S-Band Radar Data for a Heavy Precipitation Event in Italy. <b>2021</b> , 13, 1727  |   | 1  |
| 175 | Flood vulnerability and resilience: Exploring the factors that influence flooding in Sarawak. <b>2021</b> , 802, 012059   |   | 3  |
| 174 | Gender and household resilience to flooding in informal settlements in Accra, Ghana. 1-24   |   |    |
| 173 | Assessing the impact of flood inundation dynamics on an urban environment. <i>Natural Hazards</i> , <b>2021</b> , 109, 1047-1072                                      | 3 | 1  |
| 172 | MODELING OF URBAN FLOODING AND WATERFALL EFFECT ON STEPPED STREETS IN ISTANBUL, TURKEY.   |   |    |
| 171 | A Vision-Based Robust Adaptive Control for Caging a Flood Area via Multiple UAVs. <b>2021</b> ,   |   | 0  |
| 170 | Dynamic Pluvial Flash Flooding Hazard Forecast Using Weather Radar Data. <b>2021</b> , 13, 2943   |   | 2  |
| 169 | Analysis of Flood Fatalities in the United States, 1959-2019. <b>2021</b> , 13, 1871  |   | 1  |
| 168 | Climate Change Effect Detection Method Developed Using River Level Data which are Less Affected by Dams and Urbanization. <b>2021</b> , 34, 227-242                   |   |    |
| 167 | Investigation of multiple flood mitigation strategies for an urban catchment using semi-distributed hydrological modelling. <b>2021</b> , 14, 1                       |   | 1  |
| 166 | Flood impact assessment using field investigations and post-flood survey. <b>2021</b> , 130, 1  |   | 1  |
| 165 | Spatiotemporal clustering of flash floods in a changing climate (China, 1950-2015). <b>2021</b> , 21, 2109-2124   |   | 2  |
| 164 | Community responses to the annual flooding (efundja) in the Cuvelai-Etosha basin, Northern Namibia. <b>2021</b> , 61, 102372  |   |    |
| 163 | Health Risks to the Russian Population from Weather Extremes in 2010-2020. Part 2. Floods, Typhoons, Ice Rain, Droughts. <b>2021</b> , 18, 10-31                      |   | 1  |
| 162 | Natural Infrastructure Practices as Potential Flood Storage and Reduction for Farms and Rural Communities in the North Carolina Coastal Plain. <b>2021</b> , 13, 9309 |   | 1  |
| 161 | Causes, impacts and patterns of disastrous river floods. <b>2021</b> , 2, 592-609   |   | 26 |

|     |   |   |    |
|-----|---|---|----|
| 160 | Impacts of and adaptation to climate change on the oil palm in Malaysia: a systematic review. <b>2021</b> , 28, 54339-54361   |   | 1  |
| 159 | Changing El Niño Southern Oscillation in a warming climate. <b>2021</b> , 2, 628-644  |   | 26 |
| 158 | Flood-related deaths in Northwestern Algeria from 1966 to 2019. <b>2021</b> , 14, 1   |   |    |
| 157 | Network analysis and characterization of vulnerability in flood control infrastructure for system-level risk reduction. <b>2021</b> , 89, 101663  |   | 5  |
| 156 | Experimental and Numerical Study of the Effect of Model Geometric Distortion on Laboratory Modeling of Urban Flooding. <b>2021</b> , 57, e2021WR029666  |   | 3  |
| 155 | Household food insecurity after the early monsoon flash flood of 2017 among wetland (Haor) communities of northeastern Bangladesh: a cross-sectional study. e326  |   | 0  |
| 154 | Spatial dimension of impact, relief, and rescue of the 2014 flood in Kashmir Valley. <i>Natural Hazards</i> , <b>2021</b> , 1-19  | 3 | 2  |
| 153 | Potential flood hazard zonation and flood shelter suitability mapping for disaster risk mitigation in Bangladesh using geospatial technology. <b>2021</b> , 11, 100185  |   | 9  |
| 152 | Flood affectedness and household adaptation measures in rural northern Chile: A cross-sectional study in the Upper Huasco Valley. <b>2021</b> , 64, 102499  |   | 0  |
| 151 | Mapping flood by the object-based method using backscattering coefficient and interference coherence of Sentinel-1 time series. <b>2021</b> , 794, 148388   |   | 6  |
| 150 | Missing women in India: Gender-specific effects of early-life rainfall shocks. <b>2021</b> , 148, 105652  |   | 0  |
| 149 | Exploring the utility of radar and satellite-sensed precipitation and their dynamic bias correction for integrated prediction of flood and landslide hazards. <i>Journal of Hydrology</i> , <b>2021</b> , 603, 126964 | 6 | 13 |
| 148 | Water Resources Issues and Solutions for the Built Environment: Too Little Versus Too Much. 237-250   |   | 1  |
| 147 | Flash-Floods: More Often, More Severe, More Damaging? An Analysis of Hydro-geo-environmental Conditions and Anthropogenic Impacts. <b>2020</b> , 225-244  |   | 2  |
| 146 | Flooded: A Location-Based Game for Promoting Citizens' Preparedness to Flooding Situations. <b>2014</b> , 90-103  |   | 6  |
| 145 | Mitigating Climatic and Human Induced Disaster Risks Through Ecosystem Resilience: Harmonizing Built and Natural Environments in the HKH Region. <b>2015</b> , 139-157  |   | 2  |
| 144 | The Rapid Development of Settlements in Flood-Prone Areas in Peri-Urban Ulaanbaatar, Mongolia: Monitoring and Spatial Analysis Using VHR Satellite Imagery. <b>2017</b> , 137-148                                     |   | 2  |
| 143 | Tree Rings as Paleoflood and Paleostage Indicators. <b>2010</b> , 233-239   |   | 7  |



|     |   |    |
|-----|---|----|
| 142 | Understanding trends and projections of disaster losses and climate change: is vulnerability the missing link?. <b>2015</b> , 133, 23   | 1  |
| 141 | Contribution of Deforestation to Severe Flooding in Southeast Parts of the Caspian Sea: A Case Study with NDVI Analysis. <b>2020</b> , 07, 2050008                            | 2  |
| 140 | Conduite □contre-courant et crues rapides, le con?it du quotidien et de l'exceptionnel. <b>2010</b> , 674, 419  | 12 |
| 139 | La mortalit□comme expression de la vuln?abilit□humaine face aux catastrophes naturelles': deux inondations r?entes en France (Xynthia, var, 2010). <b>2011</b> ,              | 16 |
| 138 | Hybrid Data Intelligent Models and Applications for Water Level Prediction. <b>2018</b> , 121-139   | 5  |
| 137 | Spatio-Statistical Analysis of Flood Susceptibility Assessment Using Bivariate Model in the Floodplain of River Swat, District Charsadda, Pakistan. <b>2020</b> , 08, 159-175 | 3  |
| 136 | Critical Factors of Vulnerability That Enable Medina Gounass (Dakar/Senegal) to Adapt against Seasonal Flood Events. <b>2016</b> , 08, 457-469                                | 2  |
| 135 | Identification of Inundation Hazard Zones in Manas Basin, China, Using Hydrodynamic Modeling and Remote Sensing. <b>2013</b> , 05, 469-473                                    | 1  |
| 134 | A Systemic Approach to Evaluate the Flood Vulnerability for an Urban Study Case in Southern Italy. <b>2014</b> , 06, 351-362  | 6  |
| 133 | Adaptation of Resilience against Disaster□Case Study of 2000 Tokai Flood and 2011 Flood in Shonai River, Japan. <b>2015</b> , 07, 32-41                                       | 2  |
| 132 | Effects of damaging hydrogeological events on people throughout 15 years in a Mediterranean region. 44, 67-77   | 11 |
| 131 | Future changes in flash flood frequency and intensity of the Tha Di River (Thailand) based on rainfall□unoff modeling and advanced delta change scaling.                      | 1  |
| 130 | The object-specific flood damage database HOWAS'21. <b>2020</b> , 20, 2503-2519   | 4  |
| 129 | Dynamics of large wood during a flash flood in two mountain catchments.   | 12 |
| 128 | Flash flood occurrence and relation to the rainfall hazard in a highly urbanized area.  | 1  |
| 127 | Hazard interaction analysis for multi-hazard risk assessment: a systematic classification based on hazard-forming environment.  | 1  |
| 126 | Frequency and seasonality of flash floods in Slovenia. <b>2017</b> , 21, 198-211  | 5  |
| 125 | D□hme. <b>2021</b> , 51-63  |    |

|     |  |     |
|-----|--|-----|
| 124 | Flood Mitigation in the Transboundary Chenab River Basin: A Basin-Wise Approach from Flood Forecasting to Management. <b>2021</b> , 13, 3916   | 1   |
| 123 | Modeling future flood frequency under CMIP5 Scenarios in Hare watershed, Southern Rift Valley of Ethiopia. <b>2021</b> , 14, 1   | 0   |
| 122 | Introduction. <b>2013</b> , 1-31   |     |
| 121 | Introduction. <b>2013</b> , 1-33   |     |
| 120 | The value of integrating information from multiple hazards for flood risk management.  |     |
| 119 | Casualties Distribution in Human and Natural Hazards. <b>2014</b> , 173-180  |     |
| 118 | A GIS based urban flood risk analysis model for vulnerability assessment of critical structures during flood emergencies.  |     |
| 117 | Analysis of Policies and Institutional Framework of HKH Countries. <b>2015</b> , 159-175   |     |
| 116 | Perspective of Stakeholders on Flash Flood in Kuala Lumpur. <b>2015</b> , 51-63  |     |
| 115 | The Study of the Critical Depth and Critical Velocity of Casualties on Mud Flow. <b>2016</b> , 16, 399-405   | 1   |
| 114 | Methodological Approaches to the Vulnerability Assessment for the Effect Quantification of Debris Flow Disaster Mitigation Facilities. <b>2016</b> , 16, 359-367   | 1   |
| 113 | Multi-Sensor Geospatial Data for Flood Monitoring along Indus River, Pakistan. <b>2016</b> , 155-168   |     |
| 112 | Hochwasser und Sturzfluten an Flüssen in Deutschland. <b>2017</b> , 87-101   | 3   |
| 111 | FLOOD FLOW MODELLING AND EMBANKMENT PROTECTION OF MAHANADI RIVER USING HEC-RAS. <b>2018</b> , 13, 1  | 1   |
| 110 | A CPS-Improved Data Estimation Model for Flash Flood Early Warning Sensor Network. <b>2020</b> , 247-259   |     |
| 109 | Mortalité cyclones en Guadeloupe (Antilles françaises). <b>2020</b> ,  | 0   |
| 108 | Terrain Hazard Risk Analysis for Flood Disaster Management in Chaohu Basin, China, Based on Two-Dimensional Cloud. <b>2020</b> , 24, 532-542   | 0   |
| 107 | Flood prioritization of basins based on geomorphometric properties using principal component analysis, morphometric analysis and Redvan priority methods: A case study of Harit River basin. <i>Journal of Hydrology</i> , <b>2021</b> , 603, 127061 | 6 3 |

|     |  |   |   |
|-----|--|---|---|
| 106 | Impact and Mitigation Strategies for Flash Floods Occurrence towards Vehicle Instabilities.  |   | 1 |
| 105 | Analyzing e-government design science artifacts: A systematic literature review. <b>2022</b> , 62, 102430  |   | 2 |
| 104 | Flood Vulnerability, Risk, and Susceptibility Assessment. <b>2020</b> , 1-27   |   |   |
| 103 | Impacts of Climate Change on the Precipitation and Streamflow Regimes in Equatorial Regions: Guayas River Basin. <b>2021</b> , 13, 3138  |   | 2 |
| 102 | Temporal variations in rainfall patterns in Kilembe, Uganda.   |   | 0 |
| 101 | Disaster preparedness for metro projects: a social-cognitive perspective of Pakistan. <b>2020</b> , 7,   |   |   |
| 100 | Delineation of flood-prone areas in cliffed coastal regions through a procedure based on the geomorphic flood index.   |   | 1 |
| 99  | Modeling of a compound flood induced by the levee breach at Qianbujing Creek, Shanghai, during Typhoon Fitow. <b>2021</b> , 21, 3563-3572  |   |   |
| 98  | Do we prioritize floodplains for development and farming? Mapping global dependence and exposure to inundation. <b>2021</b> , 71, 102370   |   | 2 |
| 97  | The Flash Flood Guidance System Implementation Worldwide: A Successful Multidecadal Research-To-Operations Effort. <b>2021</b> , 1-35  |   | 1 |
| 96  | Comprehensive Analyses of Twitter for Hurricane Irma. 1-21   |   | 0 |
| 95  | Applying Remote Sensing to Support Flood Risk Assessment and Relief Agencies: A Global to Local Approach. <b>2020</b> ,  |   | 0 |
| 94  | Spatiotemporal variation in global floods with different affected areas and the contribution of influencing factors to flood-induced mortality (1985-2019). <i>Natural Hazards</i> , <b>2022</b> , 111, 2601 | 3 | 0 |
| 93  | Hydro-Meteorological Analysis of 2015 Rarh Bengal Flood in the Lower Gangetic Plain of India: Exceptional, Fast and Furious. <b>2022</b> , 401-424   |   |   |
| 92  | Climate change impact on extreme precipitation and peak flood magnitude and frequency: observations from CMIP6 and hydrological models. <i>Natural Hazards</i> , <b>2022</b> , 111, 2649                     | 3 | 0 |
| 91  | What do large-scale patterns teach us about extreme precipitation over the Mediterranean at medium- and extended-range forecasts?.   |   | 1 |
| 90  | Quantification of impacts between 1.5 and 4°C of global warming on flooding risks in six countries. <b>2022</b> , 170, 1   |   | 3 |
| 89  | Urban flash flood and extreme rainfall events trend analysis in Bamako, Mali. <b>2022</b> , 6, 100449  |   | 3 |

|    |  |   |
|----|--|---|
| 88 | OpenForecast: An Assessment of the Operational Run in 2020-2021. <b>2022</b> , 12, 67  |   |
| 87 | A Network Observability Framework for Sensor Placement in Flood Control Networks to Improve Flood Situational Awareness and Risk Management. <b>2022</b> , 108366                                | 2 |
| 86 | Flood susceptibility mapping in an arid region of Pakistan through ensemble machine learning model. 1  | 1 |
| 85 | Estimating changes in emergency department visits associated with floods caused by Tropical Storm Imelda using satellite observations and syndromic surveillance.. <b>2022</b> , 74, 102757      | 1 |
| 84 | Introduction to Spatial Modeling of Flood Risk and Hazard: Societal Implication. <b>2022</b> , 1-13  |   |
| 83 | Les littoraux face aux assauts de la mer : comment la géographie peut aussi servir à sauver des vies humaines. <b>2022</b> , 98, 332-347   | 1 |
| 82 | Remote Sensing and GIS Application in Flood Management: A Case Study of the Jiadhhal River Basin of Dhemaji District, Assam, India. <b>2022</b> , 91-103   | 0 |
| 81 | Evaluation des risques d'inondation à périodes de retour multiples dans le bassin du fleuve Congo. <b>2022</b> , 537-559   |   |
| 80 | Flash flood warnings in context: combining local knowledge and large-scale hydro-meteorological patterns. <b>2022</b> , 22, 461-480  | 0 |
| 79 | Multi-Return Periods, Flood Hazards, and Risk Assessment in the Congo River Basin. <b>2022</b> , 519-540   | 0 |
| 78 | Flooding study in the desert climate zone: case study of M'zab valley (Algeria). 1-17  |   |
| 77 | Risks to the Health of Russian Population from Floods and Droughts in 2010-2020: A Scoping Review. <b>2022</b> , 10, 37  | 3 |
| 76 | Using statistical functions and hydro-hydraulic models to develop human vulnerability curves for flash floods: The flash flood of the Taitou catchment (China) in 2016. <b>2022</b> , 73, 102876 | 2 |
| 75 | Investigation of basin characteristics: Implications for sub-basin-level vulnerability to flood peak generation. <i>Natural Hazards</i> , 1  | 3 |
| 74 | Machine Learning Techniques in Agricultural Flood Assessment and Monitoring Using Earth Observation and Hydromorphological Analysis. <b>2021</b> , 9,  | 0 |
| 73 | Using CYGNSS Data to Map Flood Inundation during the 2021 Extreme Precipitation in Henan Province, China. <b>2021</b> , 13, 5181   | 3 |
| 72 | Flood Discharge Prediction Based on Remote-Sensed Spatiotemporal Features Fusion and Graph Attention. <b>2021</b> , 13, 5023   |   |
| 71 | The Quantile-Matching Approach to Improving Radar Quantitative Precipitation Estimation in South China. <b>2021</b> , 13, 4956   |   |

|    |  |     |
|----|--|-----|
| 70 | Spatiotemporal Variations in Meteorological Disasters and Vulnerability in China During 2001-2020. <b>2021</b> , 9,  | 0   |
| 69 | Drought and flood dynamics of Godavari basin, India: A geospatial perspective. <b>2022</b> , 15, 1   |     |
| 68 | Prediction Skill of GEFSv12 for Southwest Summer Monsoon Rainfall and Associated Extreme Rainfall Events on Extended Range scale over India. <b>2022</b> ,                                     | 0   |
| 67 | Utilization of social media in floods assessment using data mining techniques.. <b>2022</b> , 17, e0267079   | 2   |
| 66 | Flood Inundation Modeling Using Coupled 1D-2D HEC-RAS Model in Lower Kosi River Basin, India with Limited Data. <b>2022</b> , 177-188  |     |
| 65 | Dams. <b>2022</b> , 51-63  |     |
| 64 | LIVING WITH FLOODS AND RECONNECTING TO THE WATER LANDSCAPE PLANNING AND DESIGN FOR DELTA PLAINS. <b>2022</b> , 30, 206-219   | 1   |
| 63 | RescueNet: YOLO-based object detection model for detection and counting of flood survivors.  | 0   |
| 62 | Extreme rainfall-induced urban flood monitoring and damage assessment in Wuhan (China) and Kumamoto (Japan) cities using Google Earth Engine.. <b>2022</b> , 194, 402                          |     |
| 61 | Estimating Changes in Peak Flow and Associated Reductions in Flooding Resulting from Implementing Natural Infrastructure in the Neuse River Basin, North Carolina, USA. <b>2022</b> , 14, 1479 | 0   |
| 60 | Detection of trends in observed river floods in Poland. <b>2022</b> , 41, 101098   |     |
| 59 | WRF hourly evaluation for extreme precipitation events. <b>2022</b> , 274, 106215  | 0   |
| 58 | Accelerating physics simulations with tensor processing units: An inundation modeling example. 109434202211028   |     |
| 57 | Connecting Hazard and Impact: A Partnership between Physical and Human Science. <b>2022</b> , 115-147  | 0   |
| 56 | Increased variability of the western Pacific subtropical high under greenhouse warming. <b>2022</b> , 119,   | 2   |
| 55 | Ani Tañalara Karst Drenajında Artımada Erken Uyarı Sistemlerini Rolü FFG Sistemi ile Doñ Karadeniz Seline Yñelik Bir Uygulama. <i>Resilience</i> ,   | 0   |
| 54 | Intensification of precipitation extremes in the United States under global warming. <b>2022</b> , 117-129   |     |
| 53 | Comparison of Statistical and MCDM Approaches for Flood Susceptibility Mapping in Northern Iran. <i>Journal of Hydrology</i> , <b>2022</b> , 128072  | 6 0 |

|    |  |     |   |
|----|--|-----|---|
| 52 | Establishing evidence for resilience: a case of monsoon flood-affected communities in the Gangetic Plains of South Asia. <i>Mitigation and Adaptation Strategies for Global Change</i> , <b>2022</b> , 27, | 3.9 |   |
| 51 | A New Framework Based on Data-Based Mechanistic Model and Forgetting Mechanism for Flood Forecast. <i>Water Resources Management</i> ,   | 3.7 | ○ |
| 50 | Sentiment Analyses of Twitter for Winter Storm Leo. <b>2022</b> , 790-809  |     |   |
| 49 | Technology for Position Correction of Satellite Precipitation and Contributions to Error Reduction: A Case of the 2020 Rainstorm in Henan, China. <b>2022</b> , 22, 5583                                   |     | ○ |
| 48 | Future crop risk estimation due to drought, extreme temperature, hail, lightning, and tornado at the census tract level in Louisiana. 10,  |     |   |
| 47 | Flood forecasting with machine learning models in an operational framework. <b>2022</b> , 26, 4013-4032  |     | 1 |
| 46 | Long-term variability in hydrological droughts and floods in sub-Saharan Africa: New perspectives from a 65-year daily streamflow dataset. <b>2022</b> , 613, 128359                                       |     | 1 |
| 45 | Is forest location more important than forest fragmentation for flood regulation?. <b>2022</b> , 183, 106764   |     |   |
| 44 | An integrated approach to investigate the coupling coordination between urbanization and flood disasters in China. <b>2022</b> , 375, 134191   |     | ○ |
| 43 | The impact of self-evacuation from flood hazard areas on the equilibrium of the road transport. <b>2023</b> , 157, 105934  |     | ○ |
| 42 | Risiken und Gefährdungen. <b>2022</b> , 79-340   |     | ○ |
| 41 | Flood, Livelihood, and Community Resilience: A Study from Barak Valley Region of Assam in Northeast India. <b>2022</b> , 1-14  |     | ○ |
| 40 | MMFlood: A Multimodal Dataset for Flood Delineation From Satellite Imagery. <b>2022</b> , 10, 96774-96787  |     | ○ |
| 39 | Production-Living-Ecological Risk Assessment and Corresponding Strategies in China's Provinces under Climate Change Scenario. <b>2022</b> , 11, 1424   |     | 1 |
| 38 | A convection-permitting and limited-area model hindcast driven by ERA5 data: precipitation performances in Italy.  |     | ○ |
| 37 | Human and economic impacts of natural disasters: can we trust the global data?. <b>2022</b> , 9,   |     | 1 |
| 36 | Numerical investigation of the performance of engineered barriers in controlling stormwater runoff. <b>2022</b> , 100401   |     | ○ |
| 35 | Flood Inundation Modeling by Integrating HECRAS and Satellite Imagery: A Case Study of the Indus River Basin. <b>2022</b> , 14, 2984   |     | ○ |

|    |   |   |
|----|---|---|
| 34 | An Integrated Modeling Framework in Projections of Hydrological Extremes.   | 0 |
| 33 | A national flood awareness system for ungauged catchments in complex topography: The case of development, communication and evaluation in New Zealand.                          | 0 |
| 32 | A Methodological Approach to Assess Nature-Based Solutions Effectiveness in Flood Hazard Reduction: The Case Study of Gudbrandsdalen Valley.                                    | 0 |
| 31 | Computational Machine Learning Approach for Flood Susceptibility Assessment Integrated with Remote Sensing and GIS Techniques from Jeddah, Saudi Arabia. <b>2022</b> , 14, 5515 | 2 |
| 30 | Hydrological challenges in urban areas. <b>2022</b> ,   | 0 |
| 29 | Forecasting extreme precipitation in the central Mediterranean: Changes in predictors' strength with prediction lead time. <b>2022</b> , 29,                                    | 0 |
| 28 | POBI interpolation algorithm for CYGNSS near real time flood detection research: a case study of extreme precipitation events in Henan, China in 2021. <b>2022</b> ,            | 0 |
| 27 | Fundamental diagrams for straight movement of pedestrians in water. <b>2023</b> , 159, 106018   | 0 |
| 26 | GIS-based Fuzzy Comprehensive Evaluation of Urban Flooding Risk with Socioeconomic- Index System Development.   | 0 |
| 25 | Impacts of Different Socioeconomic Development Levels on Extremely Wet/Dry Events in Mainland China. <b>2022</b> , 14, 3950   | 1 |
| 24 | GIS-Based Assessment of Fire Effects on Flash Flood Hazard: The Case of the Summer 2021 Forest Fires in Greece. <b>2023</b> , 4, 1-22   | 0 |
| 23 | Comparison of machine learning techniques for reservoir outflow forecasting. <b>2022</b> , 22, 3859-3874  | 0 |
| 22 | Urban Flood Loss Estimation and Evacuation Design Based on a 500-Year Extreme Flood Event in Syracuse City. <b>2023</b> , 15, 3   | 0 |
| 21 | Multiscale flood risk assessment under climate change: the case of the Miñ River in the city of Ourense, Spain. <b>2022</b> , 22, 3957-3972                                     | 0 |
| 20 | Flood Susceptibility Mapping Using Watershed Geomorphic Data in the Onkaparinga Basin, South Australia. <b>2022</b> , 14, 16270   | 0 |
| 19 | Exploratory regression modeling for flood susceptibility mapping in the GIS environment. <b>2023</b> , 13,  | 0 |
| 18 | Precipitation Runoff simulation in Xiushui river basin using HEC-HMS hydrological model.  | 0 |
| 17 | The impacts of impervious surface expansion and the operation of polders on flooding under rapid urbanization processes.  | 0 |

|    |   |   |
|----|---|---|
| 16 | Sensitivity of WRF multiple parameterization schemes to extreme precipitation event over the Poyang Lake Basin of China. 10,  | 0 |
| 15 | An Effective Approach for Automatic River Features Extraction Using High-Resolution UAV Imagery. <b>2023</b> , 7, 70  | 1 |
| 14 | A Methodological Study on the Design Defending Baffles Based on Mangrove Bionics. <b>2023</b> , 13, 310   | 0 |
| 13 | Preliminary Study on Flood Simulation using the HEC-HMS Model for Muda River, Malaysia. <b>2023</b> , 1135, 012021  | 0 |
| 12 | High-resolution spatial analysis of temperature influence on the rainfall regime and extreme precipitation events in north-central Italy. <b>2023</b> , 880, 163368 | 0 |
| 11 | GIS-based Flood Risk Mapping: The Case Study of Kosi River Basin, Bihar, India. <b>2023</b> , 13, 9830-9836   | 0 |
| 10 | Changing Seasonality of Annual Maximum Floods over the Conterminous US: Potential Drivers and Regional Synthesis. <b>2023</b> , 28,                                 | 0 |
| 9  | Flood Inundation Modelling in Data-Sparse Flatlands: Challenges and Prospects. <b>2023</b> , 19-35  | 0 |
| 8  | Application of Sentinel-1A SAR Data for Village Level Flood Inundation Mapping in Malda District, West Bengal, India. <b>2023</b> , 7, 1-13                         | 0 |
| 7  | Mapping and Assessment of Flood Risk in the Wadi Al-Lith Basin, Saudi Arabia. <b>2023</b> , 15, 902   | 0 |
| 6  | Spatial and temporal landslide distributions using global and open landslide databases.   | 0 |
| 5  | GIS-based fuzzy comprehensive evaluation of urban flooding risk with socioeconomic index system development. <b>2023</b> , 30, 53635-53647                          | 0 |
| 4  | Identifying the Flood Hazard Zones in Urban Area Using Flood Hazard Index (FHI)A Case of Capital City of India. <b>2023</b> , 341-357                               | 0 |
| 3  | Extreme Rainfall Event Classification Using Machine Learning for Kikuletwa River Floods. <b>2023</b> , 15, 1021   | 0 |
| 2  | Critical contribution of moisture to the air quality deterioration in a warm and humid weather. <b>2023</b> , 13,   | 0 |
| 1  | People's response to disaster: A population based study of the victims of 2018 flood in Kerala, South India. <b>2023</b> , 48, 310                                  | 0 |