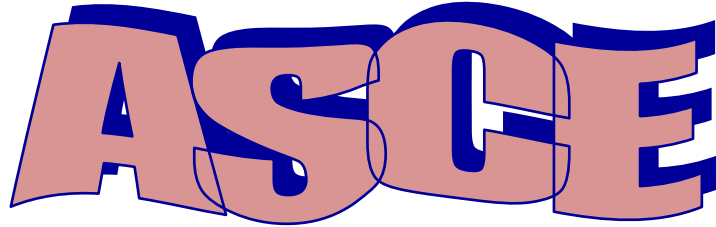


Title Name	
ALL 33 Journals	
33 Journals (1983 - 2013)	
Journals Name	
1	Journal of Composites for Construction
2	Journal of Construction Engineering and Management
3	Journal of Materials in Civil Engineering
4	Journal of Environmental Engineering
5	Practice Periodical of Hazardous, Toxic & Radioactive Waste
6	Journal of Hydraulic Engineering
7	Journal of Hydrologic Engineering
8	Journal of Irrigation and Drainage Engineering
9	Journal of Water Resources Planning and Management
10	Journal of Geotechnical and Geoenvironmental Engineering
11	International Journal of Geomechanics
12	Leadership and Management in Engineering
13	Journal of Legal Affairs and Dispute Resolution in Engineering and
14	Journal of Management in Engineering
15	Journal of Professional Issues in Engineering Education
16	Journal of Bridge Engineering
17	Practice Periodical on Structural Design and Construction
18	Journal of Structural Engineering
19	Journal of Urban Planning and Development
20	Journal of Transportation Engineering
21	Journal of Infrastructure Systems
22	Journal of Waterway, Port, Coastal, and Ocean Engineering
23	Journal of Aerospace Engineering
24	Journal of Architectural Engineering
25	Journal of Cold Regions Engineering
26	Journal of Computing in Civil Engineering
27	Journal of Engineering Mechanics
28	Journal of Nanomechanics and Micromechanics
29	Journal of Energy Engineering
30	Natural Hazards Review
31	Journal of Performance of Constructed Facilities
32	Journal of Pipeline Systems Engineering and Practice
33	Journal of Surveying Engineering



ASCE JOURNALS

Construction / Materials

1. Journal of Composites for construction:

The **Journal of Composites for Construction** publishes original research papers, review papers, and case studies dealing with the use of fiber-reinforced composite materials in construction. Of special interest are papers that bridge the gap between research in the mechanics and manufacturing science of composite materials and the analysis and design of large civil engineering structural systems and their construction processes. The journal publishes papers about composite materials consisting of continuous synthetic fibers and matrices for use in civil engineering structures and subjected to the loadings and environments of the infrastructure. The journal also publishes papers about composite materials used in conjunction with traditional construction materials such as steel, concrete, and timber, either as reinforcing members or in hybrid systems for both new construction and for repair and rehabilitation of existing structures.



2. Journal of construction Engineering and Management:

The **Journal of Construction Engineering and Management** publishes quality papers that aim to advance the science of construction engineering, harmonize construction practices with design theories, and further education and research in construction engineering and management. Topics include, but are not limited to, the following: construction material handling, equipment, production planning, specifications, scheduling, estimating, cost control, quality control, labor productivity, inspection, contract administration, construction management, computer applications, and environmental concerns.



3. Journal of Materials in Civil Engineering:

The **Journal of Materials in Civil Engineering** covers the development, processing, evaluation, applications, and performance of construction materials in civil engineering.



Environment and Water Resources

4. Journal of Environmental Engineering:

The **Journal of Environmental Engineering** presents broad interdisciplinary information on the practice and status of research in environmental engineering science, systems engineering, and sanitation. Papers focus on design, development of engineering methods, management, governmental policies, and societal impacts of wastewater collection and treatment; the fate and transport of contaminants on watersheds, in surface waters, in groundwater, in soil, and in the atmosphere; environmental biology, microbiology, chemistry, fluid mechanics, and physical processes that control natural concentrations and dispersion of wastes in air, water, and soil; nonpoint-source pollution on watersheds, in streams, in groundwater, in lakes, and in estuaries and coastal areas; treatment, management, and control of hazardous wastes; control and monitoring of air pollution and acid deposition; airshed management; and design and management of solid waste facilities. A balanced contribution from consultants, practicing engineers, and researchers is sought on engineering solutions, and professional obligations and responsibilities.



5. Practice Periodical of Hazardous, Toxic, and Radioactive Waste Management:

The **Practice Periodical of Hazardous, Toxic, and Radioactive Waste Management** publishes articles relating to the allied engineering and scientific disciplines involved in the environmental aspects of the management of hazardous, toxic, and radioactive waste (HTRW). These include the traditional areas of investigation, design, and construction and the related areas of planning, analysis, oversight, operations, regulations, and policy. This publication offers articles about practical approaches and solutions as well as application-oriented research to the problems and challenges faced by practicing engineers, scientists, and government policymakers. Photographs and drawings are desirable; illustrative graphs and tables may be included; theoretical or lengthy formulas are discouraged. Two reviews are required for approval for publication or rejection, and the review period is very brief. Articles must relate to real-life implementation of solutions rather than research. Research-oriented papers received for review will be forwarded to the appropriate ASCE journal editor for evaluation. Articles must be technically sound and be of interest and value to a significant number of practicing engineers, scientists, and contractors in the HTRW field.



6. Journal of Hydraulic Engineering:

The **Journal of Hydraulic Engineering** accepts original contributions that describe the analysis and solutions of problems in hydraulic engineering. Technical Notes may present a problem, without solution, of common interest. Topics range from flows in closed conduits to free-surface flows (canals, rivers, lakes, and estuaries) to environmental fluid dynamics. Topics include transport processes involving fluids (multiphase flows) such as sediment and contaminant transport, and heat and gas transfers. Emphasis is placed on presentation of concepts, methods, techniques, and results that advance knowledge and/or are suitable for general application in the hydraulic engineering profession.



7. Journal of Hydrologic Engineering:

The **Journal of Hydrologic Engineering** disseminates information on the development of new hydrologic methods, theories, and applications to current engineering problems. The journal publishes papers on analytical, numerical, and experimental methods for the investigation and modeling of hydrological processes.



8. Journal of Irrigation and Drainage Engineering:

(Now Monthly)

The **Journal of Irrigation and Drainage Engineering** covers all phases of irrigation, drainage, engineering hydrology, and related water management subjects, such as watershed management, weather modification, water quality, groundwater, and surface water. The journal emphasizes new developments and results of research, as well as case studies and practical applications of engineering.



9. Journal of Water Resources Planning and Management:

The **Journal of Water Resources Planning and Management** reports on all phases of planning and management of water resources. The papers examine social, economic, environmental, and administrative concerns relating to the use and conservation of water. Social and environmental objectives in areas such as fish and wildlife management, water-based recreation, and wild and scenic river use are assessed. Developments in computer applications are discussed, as are ecological, cultural, and historical values.



Geotechnical Engineering

10. Journal of Geotechnical and Geoenvironmental Engineering:

The **Journal of Geotechnical and Geoenvironmental Engineering** covers the broad area of practice known as geotechnical engineering. Papers are welcomed on topics such as foundations, retaining structures, soil dynamics, engineering behavior of soil and rock, site characterization, slope stability, dams, rock engineering, earthquake engineering, environmental geotechnics, geosynthetics, computer modeling, groundwater monitoring and restoration, and coastal and geotechnical ocean engineering. Authors are also encouraged to submit papers on new and emerging topics within the general discipline of geotechnical engineering. Theoretical papers are welcomed, but there should be a clear and significant potential for practical application of the theory. Practice-oriented papers and case studies are particularly welcomed and encouraged.



11. International Journal of Geomechanics:

The **International Journal of Geomechanics (IJOG)** focuses on geomechanics with emphasis on theoretical aspects, including computational and analytical methods and related validations. Applications of interdisciplinary topics such as geotechnical and geoenvironmental engineering, mining and geological engineering, rock and blasting engineering, underground structures, infrastructure and pavement engineering, petroleum engineering, engineering geophysics, offshore and marine geotechnology, geothermal energy, lunar and planetary engineering, and ice mechanics fall within the scope of the journal. Specific topics covered include numerical and analytical methods; constitutive modeling including elasticity, plasticity, creep, localization, fracture and instabilities; neural networks, expert systems, optimization and reliability; statics and dynamics of interacting structures and foundations; liquid and gas flow through geologic media, contaminant transport and groundwater problems; borehole stability, geohazards such as earthquakes, landslides and subsidence; soil/rock improvement; and the development of model validations using laboratory and field measurements.



Management / Professional Issues / Legal Affairs

12. Leadership and Management in Engineering:

Leadership and Management in Engineering, a publication of the Committee on Professional Practice, examines contemporary issues and principles of leadership and management. The focus is on understanding and application of these principles through variety of venues within the publication, including news, brief and concise leadership and management "nuggets," and short articles of interest to practicing professionals in a variety of roles and industry segments. The focus includes, but is not limited to, individuals and public and/or private entities, small and large projects, and organizations. Areas of interest are: leadership; teamwork; communications; team building; decision making; partnering; project management; mentoring; coaching; diversity; department, branch, and office management; professional practice and development; budgeting; financial management; productivity management, including motivational theory, incentives, and feedback techniques, and tools; globalization; networking; change management; role and involvement in political process; local, state, and national level legislative and regulatory issues; and economic and environmental sustainability.



13. Legal Affairs and Dispute Resolution in Engineering and Construction:

The mission of the *Journal* is to serve as the technical reference and resource for construction lawyers engaged in public and private practice, as well as for design engineers, construction engineers, and executives responsible for successful project administration. The *Journal* seeks to provide thought-provoking discussions and insight into the legal relationships arising out of the changing nature of project delivery systems, dispute avoidance and resolution, sustainability concerns, and effective project execution. The *Journal* will focus on legal issues, aim to increase the attention given to legal systems during engineering and construction practice, and seek excellence in the application of legal resources for the success of engineering and construction projects.



The *Journal* accepts papers and articles spanning legal issues and litigation pertaining to all areas of engineering and construction, including contract law and interpretation; professional liability and negligence; public bidding law and regulation; negotiation, mediation, arbitration, and alternative dispute-resolution systems; tort and insurance law; workers' compensation; environmental law and compliance; sustainability and climate change; acts and statutes governing design and construction of public or private projects; state and federal hazardous waste law; maritime, coastal, and ocean law; real estate development and construction law; product liability; labor and employment law; administrative law; government contracts; corporate and bankruptcy law and regulation; claims analysis, defense, and litigation; intellectual property law; land-use law; ADA and OSHA compliance law and regulations; ethical violations giving rise to liability; and the teaching of law to engineers and construction managers.

14. Journal of Management in Engineering:

The **Journal of Management in Engineering** examines contemporary issues associated with leadership and management for the twenty-first-century civil engineer. Although this journal publishes only peer-reviewed papers and case studies, the focus is the practicing consulting civil engineer. Topics of interest that might be published in this journal include leadership issues such as teamwork, team building, mentoring, coaching, and diversity.



Modern management issues such as partnering, project management, office management, professional practice and development, budgeting, financial management, recruitment and retention of human resources, career growth management, lifelong learning, marketing and sales, ethics, technology and innovation management, business process reengineering, motivational theory, incentives, education, training, organization design, strategic planning, conflict management, negotiating, risk management, globalization, networking, and change management are of interest. Papers that discuss legislative and regulatory issues; corporate and public policy; and the role of civil engineering in the political process at local, state, and national levels are welcomed. This journal offers a means for researchers and practitioners to present their results in an international forum. Interdisciplinary papers are encouraged. Normally, theoretical papers submitted for publication should include real world applications of the techniques.

15. Journal of Professional Issues in Engineering Education and Practice:

The **Journal of Professional Issues in Engineering Education and Practice** presents issues of broad professional interest and diverse views of engineering education and professional practice. Papers examine the relationships between civil engineering and other disciplines and professions, with emphasis on the engineer's obligations and responsibilities. Topics include engineering education at all levels, professional practice issues, ethics, and history and heritage.



Structural Engineering

16. Journal of Bridge Engineering:

The **Journal of Bridge Engineering** publishes papers about all aspects of the art and science of bridge engineering. The journal publishes research that advances the practice and profession of bridge engineering and papers about issues, projects, materials, design, fabrication, construction, inspection, evaluation, safety, performance, management, retrofitting, rehabilitation, repair, and demolition.



17. Practice Periodical on Structural Design and Construction:

The **Practice Periodical on Structural Design and Construction** publishes articles about practical solutions to structural design problems and construction challenges of interest to practitioners. Articles may be of any length. Those reporting on small and medium-sized projects will be welcomed. Photographs are desirable; graphs, tables, and lengthy formulas are discouraged. The editors are not interested in what researchers have to say to one another; although articles must be technically sound, the overriding question in the editors' minds when considering a submission is whether the article will be of interest to a significant number of practicing engineers and contractors.



18. Journal of Structural Engineering:

The **Journal of Structural Engineering** reports on fundamental knowledge that contributes to the state-of-the-art and state-of-practice in structural engineering. Authors discuss the art and science of structural design; investigate the physical properties of engineering materials as related to structural behavior; develop methods of analysis; and study the merits of various types of structures and methods of construction.



Transportation and Urban Development

19. Journal of Urban Planning and Development:

The **Journal of Urban Planning and Development** covers the application of civil engineering to such aspects of urban planning as area-wide transportation, the coordination of planning and programming of public works and utilities, and the development and redevelopment of urban areas. Subjects include environmental assessment, esthetic considerations, land use planning, underground utilities, infrastructure management, renewal legislation, transportation planning, and evaluation of the economic value of state parks.



20. Journal of Transportation Engineering:

The **Journal of Transportation Engineering** contains technical and professional articles on the planning, design, construction, maintenance, and operation of air, highway, and urban transportation, as well as pipeline facilities for water, oil, and gas. Specific topics include airport and highway pavement maintenance and performance; management of roads and bridges; traffic management technology; construction and operation of pipelines; and economics and environmental aspects of urban transportation systems.



21. Journal of Infrastructure Systems

The **Journal of Infrastructure Systems** publishes cross-disciplinary papers about methodologies for monitoring, evaluating, expanding, repairing, replacing, financing, or otherwise sustaining the civil infrastructure. The infrastructure supporting human activities includes complex and interrelated physical, social, ecological, economic, and technological systems such as transportation, energy production and distribution; water resources management; waste management; facilities supporting urban and rural communities; communications; sustainable resources development; and environmental protection. Increasingly, inter- and multidisciplinary expertise is needed not only to design and build these systems, but to manage and sustain them as well. Typical management problems are fraught with uncertain information, multiple and conflicting objectives, and sometimes numerous and conflicting constituencies. Solutions are both complex and cross-disciplinary in nature and require the thoughtful integration of sound engineering judgment, economic flexibility, and institutional forbearance. Papers considered for publication must contain a clear and well-defined engineering component and make a contribution to the art and science related to infrastructure systems.



Waterway, Ports, Coasts, and Oceans

22. Journal of Waterway, Port, Coastal, and Ocean Engineering:

The **Journal of Waterway, Port, Coastal, and Ocean Engineering** presents information regarding the engineering aspects of dredging, floods, ice, pollution, sediment transport, and tidal wave action that affect shorelines, waterways, and harbors. The development and operation of ports, harbors, and offshore facilities, as well as deep ocean engineering and



shore protection and enhancement, are also covered. Other topics include the regulation and stabilization of rivers and the economics of beach nourishment.

Other Technical Areas

23. Journal of Aerospace Engineering:

The **Journal of Aerospace Engineering** promotes the implementation and development of space and aerospace technologies and their transfer to other civil engineering applications. Topics of interest include aerodynamics, computational fluid dynamics, wind tunnel testing of buildings and structures, aerospace structures and materials, advanced composite materials, dynamics and control, real-time data acquisition, space engineering and construction, lunar base construction, field and remote sensing, and robotics.



24. Journal of Architectural Engineering:

The **Journal of Architectural Engineering** provides a multidisciplinary forum for dissemination of practice-based information on the engineering and technical issues concerning all aspects of building design. Peer-reviewed papers and case studies address issues and topics related to buildings, such as planning and financing, analysis and design, construction and maintenance, codes applications and interpretations, conversion and renovation, and preservation.



25. Journal of Cold Regions Engineering:

The **Journal of Cold Regions Engineering** publishes practice- and research-oriented articles from any area of civil engineering that are substantially related to cold regions. Topics include ice engineering, ice force, construction on permafrost and seasonal frost, cold weather construction, environmental quality and engineering in cold regions, snow and ice control, cold regions materials, and surveying and planning in cold regions.



26. Journal of Computing in Civil Engineering:

The **Journal of Computing in Civil Engineering** serves as a resource to researchers, practitioners, and students on advances and innovative ideas in computing as applicable to the engineering profession. The journal publishes research, implementation, and applications in cross-disciplinary areas including software, such as new programming languages, database management systems, computer-aided design systems, and expert systems; hardware for robotics, bar coding, remote sensing, data mining, and knowledge acquisition; and strategic issues such as the management of computing resources, implementation strategies, and organizational impacts.



27. Journal of Engineering Mechanics:

The **Journal of Engineering Mechanics** covers activity and development in the field of applied mechanics as it relates to civil engineering. Research on bioengineering, computational mechanics, computer-aided engineering, dynamics of structures, elasticity, experimental analysis and instrumentation, fluid mechanics, flow of granular media, inelastic behavior of solids and structures, probabilistic methods, properties of materials, fracture mechanics, stability of structural elements and systems, and turbulence is reported. Typically, published papers describe the development and implementation of new analytical



models, innovative numerical methods, and novel experimental methods and results.

28. Journal of Nanomechanics and Micromechanics

New in 2011

The **Journal of Nanomechanics and Micromechanics** brings science and applications together on nanoscale and nanostructured materials, with emphasis on mechanics, processing, characterization, design, modeling, and applications of materials containing true nanosize dimensions or nanostructures that describes novel or enhanced properties or functions that are based on tailored nanostructures. The Journal is directed at both academic researchers and practicing engineers.



29. Journal of Energy Engineering:

The **Journal of Energy Engineering** reports on the scientific and engineering knowledge in the planning, development, management, and finances of energy-related programs. The journal is dedicated to civil engineering aspects of the issues, sources, and programs that are either directly related to, or can ultimately contribute to, the production, distribution, and storage of energy. Multidisciplinary subjects are especially encouraged. Original contributions are encouraged, but not limited to, the following areas: generation of electric power; nuclear power issues; energy planning (planning for generation capacity expansion, hydropower planning, network and transmission planning, reliability); energy policy and economics (financial and customer markets, regulatory and financial issues); energy development (solar power, renewable energy, waste-to-energy systems); energy systems operation (thermal and hydropower operation and optimization, scheduling, load forecasting, demand-side management); energy efficiency, reducing consumption for conservation of energy; energy sustainability as related to energy and power production, distribution, and usage; waste management and environmental issues; and energy infrastructure issues (power plant safety, security of infrastructure network)



30. Natural Hazards Review:

The **Natural Hazards Review** stands on the realization that natural disaster losses result from interactions between the physical world, the constructed environment, and the character of the societies and people who occupy them. The journal is dedicated to bringing together the physical, social, and behavioral sciences; engineering; and the regulatory and policy environments to provide a forum for cutting edge, holistic, and cross-disciplinary approaches to natural hazards loss and cost reduction. The journal offers a means for researchers and practitioners working together to publish the results of truly interdisciplinary and partnered approaches to loss reduction and long-term disaster resiliency. Engineering topics covered include the characterization of hazard forces and the planning, design, construction, maintenance, performance, and use of structures in the physical environment. Social and behavioral sciences topics addressed include a range of issues related to hazard mitigation and human response as well as significant issues related to the built environment such as land use, building standards, and the role of financial markets and insurance. The specific physical science topics covered include those pertinent to understanding the hazardous character of the world and the performance of the structures that we build to accommodate our way of life. More importantly, the journal features papers co-authored by people from a variety of specializations who bring a cross-disciplinary perspective to the complex factors that contribute to disasters in today's— and especially tomorrow's—world.



31. Journal of Performance of Constructed Facilities:

The **Journal of Performance of Constructed Facilities** attempts to improve the quality of the constructed product through interdisciplinary communication. Papers examine the causes and costs of failures and other performance problems. Both catastrophic failures as well as serviceability problems are examined. Both procedural and technical causes of failures are included. Papers that discuss the interface between various professionals in the construction industry are of special interest.



32. Journal of Pipeline Systems Engineering and Practice (NEW)

The **Journal of Pipeline Systems Engineering and Practice** is a professional, authoritative technical resource that reports on a broad range of topics pertaining to the planning, engineering, design, construction, renewal, safety, operation and maintenance, asset management, environmental aspects, and sustainability of pipeline systems. An important technical reference for researchers and practitioners from academia, industry, and government, it presents in-depth information on water distribution and transmission systems, wastewater collection systems (gravity and force mains), storm sewers and drainage structures/culverts, oil, gas, industrial, slurry, pneumatic and capsule pipelines, as well as conduit applications for power and communication cables.



33. Journal of Surveying Engineering

The **Journal of Surveying Engineering** covers the broad spectrum of surveying and mapping activities encountered in modern practice. It includes traditional areas such as construction surveys, control surveys, photogrammetric mapping, engineering layout, deformation measurements, precise alignment, and boundary surveying. It also includes newer development such as satellite positioning; spatial database design, quality assurance, and information management of geographic information systems; computer applications involving modeling, data structures, algorithms, and information processing; digital mapping, coordinate systems, cartographic representations, and the role of surveying engineering professionals in an information society.

