

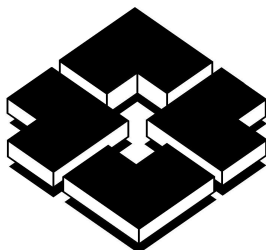


BHRC

Information and Documentation Department Bulletin Spring and Summer 2017

- ☐ **Book**
- ☐ **Report**
- ☐ **Standard**
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Building and **H**ousing **R**esearch **C**enter

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By:

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Subject List of Prepared Books & E-Books

Acoustics

1. Acoustics of Multi-Use Performing Arts Centers/Mark Holden.-CRC Press.2016
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3. A Companion to Greek Architecture (Blackwell Companions to the Ancient World) / Margaret M. Miles.-Wiley-Blackwell.2016
4. Adaptable architecture :theory and practice/ Robert Schmidt III and Simon Austin.- Routledge, 2016
5. Architectural Design - Conception and Specification of Interactive Systems/Chris A. Vissers Luis Ferreira Pires.-Springer.2016
6. Architectural Detailing - Function, Constructibility, Aesthetics, 3rd Edition/Edward Allen Patrick Rand.-Wiley.2016
7. Architectural, Energy and Information Engineering - 2015 International Conference on Architectural, Energy .../Wen-Pei Sung Ran Chen.-CRC.2016
8. Bamboo architecture & design/ C. van Uffelen.- [n.p]: Braun, 2015.
9. Big design for small workspace/ edited by: K. Kinugasa-Tsui.- Victoria: The Images, 2016.
10. Biomimetic Research for Architecture and Building Construction - Biological Design and Integrative .../Jan Knippers.-Springer.2016

11. Disability, space, architecture :a reader/ edited by Jos Boys. Routledge, 2017
12. Discrete Optimization in Architecture - Architectural & Urban Layout (SpringerBriefs .../Machi Zawidzki.-Springer.2016
13. Discrete Optimization in Architecture - Building Envelope (SpringerBriefs in Architectural .../Machi Zawidzki.-Springer.2017
14. Discrete Optimization in Architecture - Extremely Modular Systems (SpringerBriefs in Architectural .../Machi Zawidzki.-Springer.2017
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17. Asphalt Materials Science and Technology/James G. Speight.-Butterworth-Heinemann.2016
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21. Highway Bridge Maintenance, Planning and Scheduling/Mark A. Hurt Steven D Schrock.- Butterworth-Heinemann.2016

22. Innovative Bridge Design Handbook - Construction, Rehabilitation and Maintenance/Alessio Pinato.-Butterworth-Heinemann.2016

23. Inspection, Evaluation and Maintenance of Suspension Bridges Case Studies/Sreenivas Alampalli William J. Moreau.-CRC Press.2016

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25. A Practical Guide to Construction Adjudication/ James Pickavance.-Wiley.2016

26. Applied Building Physics - Ambient Conditions, Building Performance and Material Properties, 2nd Edition/Hugo S. L. Hens.-Ernst & Sohn.2016

27. Applying the Building Code - Step-by-Step Guidance for Design and Building Professionals (Building Codes .../Ronald L. Geren.-Wiley.2016

28. Biopolymers and Biotech Admixtures for Eco-Efficient Construction.../Fernando Pacheco-Torgal.-Woodhead Publishing.2016

29. Building Codes Illustrated - A Guide to Understanding the 2015 International Building .../Francis D. K. Ching Steven R. Winkel.-Wiley.2016

30. Building Sustainable Futures - Design and the Built Environment/Mohammad Dastbaz Ian Strange Stephen Selkowitz.-Springer.2016

31. Characteristics and Uses of Steel Slag in Building Construction/Ivanka Netinger Grubesa Ivana Barisic.-Woodhead Publishing.2016

32. Construction Engineering Design Calculations and Rules of Thumb/Ruwan Abey Rajapakse.-Butterworth-Heinemann.2017

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34. Statics of Historic Masonry Constructions, 2nd Edition (Springer Series in Solid and Structural Mechanics)/Mario Como.-Springer.2016
35. Sustainable Building with Earth/Horst Schroeder.-Springer.2016

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37. Advanced Materials, Structures and Mechanical Engineering - Proceedings of the International /Mosbeh Kaloop.-CRC Press.2016...
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48. Concrete Surface Engineering (Modern Concrete Technology)/Benoit Bissonnette Luc Courard Andrzej Garbacz.-CRC Press.2016
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50. Science and Technology of Concrete Admixtures/Pierre-Claude Aitcin Robert J Flatt.-Woodhead Publishing.2016
51. Steel Fiber Reinforced Concrete - Behavior, Modelling and Design (Springer Transactions .../Harvinder Singh.-Springer.2017
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54. Concrete Structures, 2nd Edition/Mehdi Setareh Robert Darvas.-Springer.2017
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56. Design Principles and Analysis of Thin Concrete Shells, Domes and Folders/Iakov Iskhakov Yuri Ribakov.-CRC Press.2016
57. Design Procedures for the Use of Composites in Strengthening of Reinforced Concrete Structures/Carlo Pellegrino Jose Sena-Cruz.-Springer.2016
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59. RILEM Recommendations for the Prevention of Damage by Alkali-Aggregate Reactions .../Philip J. Nixon Ian Sims.-Springer.2016

Construction Management

60. Construction Manager's BIM Handbook/John Eynon.-Wiley.2016
61. Construction Program Management - Decision Making and Optimization Techniques/Ali D. Haidar.-Springer.2016
62. Proceedings of the 20th International Symposium on Advancement of Construction ... /Yuzhe Wu.-Springer.2017
63. Project Finance for Construction /Anthony Higham Carl Bridge Peter Farrell.-Routledge.2017
64. Securing the Outdoor Construction Site - Strategy, Prevention, and Mitigation/Kevin Wright Carney.-Butterworth-Heinemann.2016

65. Using Commercial Contracts - A Practical Guide for Engineers and Project Managers/David Wright.-Wiley.2016

66. Unpacking Construction Site Safety/Fred Sherratt.-Wiley.2016

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75. Urban Disasters and Resilience in Asia/Rajib Shaw Atta-ur-Rahman Akhilesh Surjan Gulsan Ara Parvin.-Butterworth-Heinemann.2016

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90. Fire Resistance in American Heavy Timber Construction - History and Preservation/Jesse Heitz.-Springer.2016
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93. Probability Based High Temperature Engineering - Creep and Structural Fire Resistance /Leo Razdolsky.-Springer.2017
94. SFPE Handbook of Fire Protection Engineering, 5th Edition, 3 Volume Set/Morgan J. Hurley Daniel T. Gottuk.-Springer.2016
95. Structural Design for Fire Safety, 2nd Edition/Andrew H. Buchanan Anthony Kwabena Abu.-Wiley.2017
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99. Flood Forecasting - A Global Perspective/Thomas E Adams Thomas C. Pagano.-Academic Press.2016
100. Flood Risk in the Upper Vistula Basin (GeoPlanet - Earth and Planetary Sciences)/Zbigniew W. Kundzewicz.-Springer.2016
101. ISFRAM 2015 - Proceedings of the International Symposium on Flood Research .../Wardah Tahir Prof Ir Dr Sahol Hamid Abu Bakar.-Springer.2016
102. Socioeconomic Effects of the National Flood Insurance Program (SpringerBriefs in Political Science)/James Howard.-Springer.2016

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104. Deformation and Failure Mechanism of Excavation in Clay Subjected to Hydraulic Uplift (Advanced .../Yi Hong Lizhong Wang.-Springer.2016
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106. Problem Solving in Foundation Engineering Using FoundationPro /Mohammad Yamin.- Springer.2016
107. Shallow Foundations - Discussions and Problem Solving/Tharwat M. Baban.-Wiley- Blackwell.2016
108. Stability Assessment for Underground Excavations and Key Construction .../Hanhua Zhu.- Springer.2017

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133. Hydraulic Conductivity - Issues, Determination and Applications, 2nd Edition/Lakshmanan Elango.-InTech.2016
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140. Renewable Heating and Cooling - Technologies and Applications.../Gerhard Stryi-Hipp.-Woodhead Publishing.2016

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Intelligent Buildings

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Interior Design

145. Building Systems for Interior Designers, 3rd Edition/Corky Binggeli.-Wiley.2016
146. Designing Commercial Interiors, 3rd Edition/Christine M. Piotrowski.-Wiley.2016
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Landscape Architecture

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Materials

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162. Advanced High Strength Natural Fibre Composites in Construction/Mizi Fan Feng Fu.- Woodhead Publishing.2017

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233. Advanced Hybrid and Electric Vehicles - System Optimization and Vehicle Integration ... /Michael Nikowitz.-Springer.2016
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235. Conference/Neville A. Stanton.-Springer.2017
236. Air Transport System (Research Topics in Aerospace)/Dieter Schmitt Volker Gollnick.-
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238. Automated Transit - Planning, Operation, and Applications (IEEE Press Series .../Rongfang Liu.-
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249. Transportation Planning Handbook, 4th Edition/ITE Michael D. Meyer.-John Wiley & Sons Inc.2016
250. Urban Transportation Planning in the United States - History, Policy, and Practice, 5th Edition/Edward Weiner.-Springer.2016
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256. Cities and Disasters/Davia Cox Downey.-CRC Press.2016
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261. Smart City - Future City - Smart City 2.0 as a Livable City and Future Market (essentials)/Chirine Etezadzadeh.-Springer Vieweg.2016
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266. The Digital City and Mediated Urban Ecologies/Kristin Scott.-Palgrave Macmillan.2016
267. Toward an Integrative Theory of Urban Design (University of Tehran .../Hossein Bahrainy Ameneh Bakhtiar.-Springer.2016
268. Towards Cognitive Cities - Advances in Cognitive Computing and its Application to Governance of Large.../E Portmann M Finger.-Springer.2016
269. Urban Centres in Asia and Latin America - Heritage and Identities in Changing Urban .../Simone Sandholz.-Springer.2017
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271. Urban Development for the 21st Century - Managing Resources and Creating Infrastructure/Kimberly Etingoff.-Apple Academic Press.2016
272. Urban Horticulture - Ecology, Landscape, and Agriculture/J. Blum.-Apple Academic Press.2016
273. Urban Horticulture/Tina Marie Waliczek Jayne M. Zajicek.-CRC Press.2016
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275. Urbanization and Locality - Strengthening Identity and Sustainability .../Fang Wang Martin Prominski.-Springer.201
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277. A Study on Antimicrobial Effects of Nanosilver for Drinking Water Disinfection (Springer Theses)/Yang Xu.-Springer.2017
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279. Bioremediation of Wastewater - Factors and Treatment/Olga Sanchez.-Apple Academic Press.2016
280. Building Climate Resilience through Virtual Water and Nexus Thinking in the Southern African /Anna Entholzner.-Springer.2016...
281. Sustainable Water Management in Urban Environments .../Tamim Younos Tammy E. Parece.- Springer.2016
282. Sustainable Water Resources Planning and Management Under Climate Change/Elpida Kolokytha.-Springer.2017
283. Threats to the Quality of Groundwater Resources - Prevention and Control (The .../Andrea Scozzari.-Springer.2016
284. Urban Hydrology, Watershed Management and Socio-Economic Aspects (Water Science .../Arup Kumar Sarma.-Springer.2016
285. Urban Water Reuse Handbook/Saeid Eslamian.-CRC Press.2016
286. Urban Water Trajectories (Future City)/Sarah Bell Adriana Allen Pascale Hofmann Tse-Hui Teh.-Springer.2017
287. Water Policy and Planning in a Variable and Changing Climate (Drought and Water Crises)/Kathleen A. Miller.-CRC Press.2016
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Wooden Structures

289. Cordwood Building - A Comprehensive Guide to the State of the Art/Rob Roy.-New Society Publishers.2016

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290. Advanced Environmental Wind Engineering/Yukio Tamura Ryuichiro Yoshie.-Springer.2016

291. Advanced Technologies for Sustainable Systems - International Conference on.../Yehia Bahei-El-Din Maguid Hassan.-Springer.2017
292. Advanced Treatment Technologies for Urban Wastewater Reuse (The Handbook of Environmental /Despo Fatta-Kassinou.-Springer.2016
293. Reduction of CO2 Emissions from Road Transport in Cities - Impact of Dynamic Route Guidance.../Michal Markiewicz.-Springer Vieweg.2017
294. River System Analysis and Management/ Nayan Sharma.-Springer.2017
295. Solar Chimney Power Plant Generating Technology/Tingzhen Ming.-Academic Press.2016
296. Springer Handbook of Ocean Engineering (Springer Handbooks)/Manhar R. Dhanak Nikolas I. Xiros.-Springer.2016
297. Thermal Solar Desalination - Methods and Systems/Vassilis Belessiotis Soteris Kalogirou Emmy Delyannis.-Academic Press.2016
298. Thermo-Hydro-Mechanical-Chemical Processes in Fractured Porous Media - Modelling .../Olaf Kolditz Uwe-Jens Gorke.-Springer.2016
299. Urban Ecology - Strategies for Green Infrastructure and Land Use/Kimberly Etingoff.-Apple Academic Press.2016

List of Standards and Building Codes (Database)



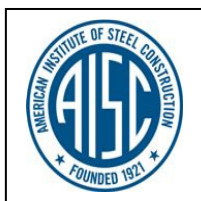
1. **AASHTO (2016)**

AASHTO – American Association Of State Highway And Transportation Officials



2. **ACI (2016)**

ACI – American Concrete Institute



3. **AISC (2014)**

AISC - American Institute Of Steel Construction



4. **ASCE (2014)**

ASCE – American Society Of Civil Engineers



5. **ASHRAE (2016)**

ASHRAE - American Society Of Heating, Refrigerating,
And Air-Conditioning Engineers



6. **ASTM (2016)**

ASTM – American Society For Testing Materials



7. **AWWA (2008)**

AWWA - American Water Works Association



8. **BS (2016)**

BSI - British Standards Institution



9. **CEN (2014)**

CEN - European Committee For Standardization



10. **DIN (2008)**

DIN - Deutsches Institut Fur Normung

11. **ICC 500 (2014)**, ICC/NSSA Standard For The Design And Construction Of Storm Shelters

12. **ICC A117.1 (2009)**, Accessible And Usable Buildings And Facilities

13. **ICC CCRC (2012)**, I-CODES: CODE Change Resource Collection

14. **ICC EC (2006)**, International Code Council Electrical Code - Administrative Provisions

15. **ICC I-CODE IBC (2015)**, I-CODES: IBC - International Building Code

16. **ICC I-CODE IBC COMM VOL I (2012)**, I-CODES With Commentaries: IBCC – International Building Code With Commentary Volume 1

17. **ICC I-CODE IBC COMM VOL II (2012)**, I-CODES With Commentaries: IBCC – International Building Code With Commentary Volume 2

18. **ICC I-CODE ICCPC (2015)**, I-CODES: ICCPC – International Performance For Buildings And Facilities Code
19. **ICC I-CODE IEBC (2015)**, I-CODES: IEBC – International Existing Building Code
20. **ICC I-CODE IECC (2015)**, I-CODES: IECC - International Energy Conservation Code
21. **ICC I-CODE IFC (2015)**, I-CODES: IFC – International Fire Code
22. **ICC I-CODE IFC COMM (2012)**, I-CODES With Commentaries: IFCC – International Fire Code With
23. **ICC I-CODE IFGC (2015)**, I-CODES: IFGC - International Fuel Gas Code
24. **ICC I-CODE IFGC COMM (2012)**, I-CODES With Commentaries: IFGC – International Fuel Gas Code
25. **ICC I-CODE IMC (2015)**, I-CODES: IMC - International Mechanical Code
26. **ICC I-CODE IMC COMM (2015)**, I-CODES With Commentaries: IMCC - International Mechanical Code With Commentary
27. **ICC I-CODE IPC (2015)**, I-CODES: IPC – International Plumbing Code
28. **ICC I-CODE IPC COMM (2015)**, I-CODES With Commentaries: IPCC - International Plumbing Code
29. **ICC I-CODE IPMC (2015)**, I-CODES: IPMC - International Property Maintenance Code
30. **ICC I-CODE IPSDC (2015)**, I-CODES: IPSDC - International Private Sewage Disposal Code
31. **ICC I-CODE IRC (2015)**, I-CODES: IRC - International Residential Code For One And Two-Family Dwellings
32. **ICC I-CODE ISPSC (2015)**, I-CODES: ISPSC - International Swimming Pool And Spa Code
33. **ICC I-CODE IWUIC (2015)**, I-CODES: IWUIC - International Wildland-Urban Interface Code
34. **ICC I-CODE IZC (2015)**, I-CODES: IZC - International Zoning Code
35. **ICC IEAPC (2006)**, I-Codes: Ieapc - International Electrical Administrative Provisions Code
36. **ICC IGCC (2012)**, International Green Construction Code
37. **ICC IPCBF (2012)**, ICC Performance Code For Buildings And Facilities
38. **ICC IPMC COMM (2003)**, International Property Maintenance Code - Commentary
39. **ICC IRC COMM (2003)**, International Residentialcode - Commentary
40. **ICC NC ECC (2006)**, North Carolina State Building Code: Energy Conservation Code
41. **ICC NC FC (2006)**, North Carolina State Building Code: Fire Code

42. **ICC NC FGC (2006)**, North Carolina State Building Code: Fuel Gas Code
43. **ICC NC MC (2006)**, North Carolina State Building Code: Mechanical Code
44. **ICC NC PC (2006)**, North Carolina State Building Code: Plumbing Code
45. **ICC OBC (2011)**, I-CODES: OBC - Ohio Building Code
46. **ICC I-CODE OFC (2011)**, Ohio Fire Code
47. **ICC OMC (2011)**, I-CODES: OMC - Ohio Mechanical Code
48. **ICC OPC (2011)**, I-CODES: OPC - Ohio Plumbing Code
49. **ICC ORC (2013)**, I-CODES: ORC - Residential Code Of Ohio
50. **ICC UCADB (2009)**, 1997 Uniform Code For The Abatement Of Dangerous Buildings



51. **ISO (2013)**

ISO - International Organization for Standardization



52. **NACE (2004)**

NACE International the Corrosion Society



53. **NFPA (2013)**

NFPA - National Fire Protection Association

List of Recived Print Journals 2017

1. Asian Journal of Civil Engineering - BHRC
2. Build (BRANZ)
3. Ceramic Forum International (CFI)
4. Civil Engineering Infrastructures Journal (CEIJ)
5. International Journal of Advanced Structural Engineering (IJASE)
6. International Journal of Optimization in Civil Engineering - BHRC
7. Landslides, Journal of the International Consortium on Landslides
8. CMI Le Magazine d'information de la Construction Metallique
9. ISO Focus

List of Recived Electronic Journals 2017

1. ACI Materials Journal
2. ACI Structural Journal
3. Advances in Structural Engineering
4. Applied Acoustics
5. Architectural Design
6. Asphalt Pavement
7. Building Acoustics
8. Building and Environment
9. Building Research and Information
10. Built Environment
11. Bulletin of the Seismological Society of America
12. Canadian Geotechnical Journal
13. Canadian Journal of Civil Engineering
14. Cement and Concrete Composites

15. Cement and Concrete Research
16. Cities
17. Computer Aided Civil and Infrastructure Engineering
18. Computers & Structures
19. Construction and Building materials
20. Earthquake Engineering and Engineering Vibration
21. Earthquake Engineering and Structural Dynamics
22. Earthquake Spectra
23. Energy and Buildings
24. Energy & Environment
25. Energy Conversion, IEEE Transactions on
26. Engineering Geology
27. Engineering Structures
28. F A M – Fire and Materials
29. Fire Safety Journal
30. Fire Technology
31. Geotechnique

32. Housing Studies
33. International Journal of Concrete Structures and Materials (Online)
34. International Journal of Disaster Risk Reduction - Elsevier
35. International Journal of Disaster Risk Science - Springer
36. International Journal of Housing Policy
37. International Journal of Islamic Architecture
38. International Journal of Space Structures
39. International Journal of Steel Structures
40. International Journal of Sustainable Construction Engineering & Technology
41. International Journal of Traffic and Transportation Engineering
42. International Railway Journal
43. Journal of Advanced Concrete Technology
44. Journal of Architectural Engineering
45. Journal of Asian Architecture and Building Engineering
46. Journal of Bridge Engineering
47. Journal of Computing in Civil Engineering
48. Journal of Construction Engineering and Management

49. Journal of Constructional Steel Research
50. Journal of Earthquake Engineering
51. Journal of Energy Engineering
52. Journal of Environmental Psychology
53. Journal of Fire Sciences
54. Journal of Geotechnical & Geoenvironmental Engineering
55. Journal of Highway and Transportation Research and Development
56. Journal of Materials in Civil Engineering
57. Journal of Rail Transport Planning & Management
58. Journal of Solar Energy Engineering
59. Journal of Sound and Vibration
60. Journal of Structural Engineering
61. Journal of Structural geology
62. Journal of Sustainable Cement-Based Materials
63. Journal of Thermal Analysis and Calorimetry
64. Magazine of Concrete Research
65. PCI Journal

66. Renewable Energy
67. Road Materials and Pavement Design
68. Seismic Instruments
69. Soil dynamics and earthquake engineering
70. Soils and Foundations
71. Structural and Multidisciplinary Optimization
72. Structural Concrete, Journal of The FIB
73. The Journal of Architecture
74. Transportation Research Part D
75. Transportation Research Part E
76. Transportation Research Part F
77. Tunneling & Underground space technology
78. Urban Studies