

## Geologija Grajeno okolje - DR

### Znanstveno raziskovanje grajenega okolja

- Gauch Jr, H.G. (2007). Scientific Method in Practice, Cambridge University Press, 454 p.
- Hames, I. (2007). Peer review and manuscript management in scientific journals – Guidelines for good practice, Blackwell Publishing, 312 p.
- Huckin, T.N., Olsen, L.A. (1991). Technical writing and professional communication – for nonnative speakers of English, 2nd ed. McGraw-Hill, 746 p.
- Kirkman, J. (1992). Good style – writing for science and technology. E & FN Spon, 221 p.
- Patience, G.S., Boffito, D.C., Patience, P.A. (2015). Communication science papers, presentations, and posters effectively. Academic Press, 264 p.
- Silyn-Roberts, H. (). Writing for science and engineering, 2nd ed. Elsevier, 265 p.
- Smith, R.V., Densmore, L.D., Lener, E.F. (2016). Graduate research – A guide for Students in the Sciences, 4th ed. Academic Press, 287 p.
- Young, M. (2002). The technical writer's handbook – Writing with style and clarity. University Science Books, 232 p.

### Raziskovanje v geodeziji

- Geodesy – the Concepts / P. Vaniček, E. Krakiwsky, Elsevier, 2006
- Torge, Wolfgang – Geodesy, 3rd completely rev. and extended ed. Berlin, New York : W. de Gruyter, 2001
- Cho George, 2005, Geographic Information Science: Mastering the Legal

### Matematika v raziskovanju grajenega okolja

- Batkai, M. Kramar Fijavž, A. Rhandi, Positive Operator Semigroups: from Finite to Infinite Dimensions, Birkhauser-Verlag, Basel, 2017.
- D.B. Bertsekas, Nonlinear Programming, Athena Scientific, 2nd Edition, 1999.
- K. Eriksson, D.J. Estep, C. Johnson, Applied mathematics: body and soul, Volume 1-3, Springer-Verlag, 2004.
- D. C. Montgomery, G. C. Runger, Applied Statistics and Probability for Engineers, John Wiley & Sons, 2007.
- B. Plestenjak, Razširjen uvod v numerične metode. DMFA, Ljubljana, 2015.
- Wilson, Watkins, Uvod v teorijo grafov, DMFA Slovenije, Ljubljana 1997.

## Izbirni predmeti

### Aplikativna geokemija okolja

- J.E. Andrews et al., 2000 - An Introduction to Environmental Chemistry;
- Broder J. Merkel and B. Planer-Friedrich, 2005 - Groundwater Geochemistry;
- R. Harrison (Ed), 2006 - An introduction to pollution science;
- H.B. Bradl (Ed.), 2005 - Heavy Metals in the Environment;
- C.M. Bethke, 1996 - Geochemical Reaction Modeling

### Bioklimatsko načrtovanje

- Sustainable architecture, bioclimatic architecture, on line teaching package. SARA – Sustainable Architecture Applied to Replicable Public Access Buildings / Krainer A, [http://kske.fgg.uni-lj.si/Index\\_SI.htm](http://kske.fgg.uni-lj.si/Index_SI.htm), 2008.

### Prostorsko načrtovalsko raziskovanje

- Ratcliffe, J., Stubbs, M. in Keeping, M. (2009): Urban planning and real estate development, Routledge.
- Schmitz, A. in Brett, D. L. (2009): Real estate market analysis, Urban land institute.
- Kroell, R. (2004): Rechte und Belastungen bei der Verkehrswertermittlungen von Grundstuecken, Luchterhand.
- Epley, D. R., Rabianski, J. S. in Haney, R. L. (2002): Real estate decisions, South-Western Thomson Learning.
- Silva, E. A.-, Healey, P. Harris, N., Van den Broeck, P. (2016) The Routledge hadbook of Planning Reasearch Methods

### Biotski odgovor na globalne paleoekološke spremembe

- Brenchley, P.J. & Harper, D.A.T. 1998: Palaeoecology: Ecosystem, environements and evolution. – Chapman & Hall, 402 pp.
- Culver, S. J. & Rawson, P. F. 2000: Biotic response to global change. The last 145 million years. Cambridge Uni. Press, 501 pp.
- Cockell, C. (Ed.) 2008: Earth-Life system. Cambridge Uni. Press, 319 pp. Cowen, R. 1995: History of Life. - Blackwell Sci. 462 pp.
- Moore, J. R., Norman, D. B. & Upchurch, P. 2007: Assessing relative abundances in fossil assemblages. - Palaeogeography, Palaeoclimatology, Palaeoecology, 253, 317-322.
- Bromley, R.G. 1990, Trace fossils. - Unwin Hyman, 280 pp.
- Dodd, J. & Stanton, R.J. 1990, Paleocology Concepts and applications. - John Wiley & sons, 502 pp.
- Gall, J.C.1995, Paléoécologie Paysages et environnements disparus. - Masson, 239 pp.
- Donovan, K.S.(ed.)1991, The processes of fossilization. - Belhaven Press, 303 pp

### Deformacijska analiza naravnega in grajenega okolja

- Caspary, W. F. (1988). Concepts of network and deformation analysis. Kensington: The University of New South Wales, School of Surveying.
- Mihailović, K., Aleksić, I. R. (1994). Deformaciona analiza geodetskih mreža.

### Dinamika gradbenih konstrukcij z uporabo v potresnem inženirstvu

- P.Fajfar, Dinamika gradbenih konstrukcij, UL, FAGG, 1984
- A. Chopra, Dynamics of Structures, Theory and Applications to Earthquake Engineering, Third Edition, Pearson/Prentice Hall, 2007
- M.N.Fardis, E.C.Carvalho, P.Fajfar, A.Pecker, Seismic Design of Concrete Buildings to Eurocode 8, CRC Press, 2015
- EN1998 Design of structures for earthquake resistance

### Dnevna svetloba

- Solar radiation and daylight models, 2nd edition / Tariq Muneer, Christian Gueymard, Harry Kambezidis. Amsterdam: Elsevier, 2004.
- Assessment of daylight performance in buildings: Methods and design strategies / Barbara Gherri. Southampton, Boston: WITpress, 2015
- Introduction to architectural science: the basis of sustainable design / Steven V. Szokolay. Burlington: Architectural Press, 2004.

- Daylight design of buildings / Nick Baker and Koen Steemers. London: James & James, c2002.
- Daylighting: natural light in architecture / Derek Phillips; with a foreword by Carl Gardner. Amsterdam: Elsevier, 2004.
- Daylighting: Performance and design / Gregg D. Ander. Hoboken: John Wiley & Sons, Inc., 2003

#### Duktilnost in stabilnost jeklenih konstrukcij

- P.J. Dowling, J.E. Harding, R. Bjorhovde, Constructional steel design (an international guide), Elsevier Applied Science, 1992.
- B. Johansson, R. Maquoi, G. Sedlacek, C. Muller, D. Beg, Commentary and worked examples to EN 1993-1-5 »Plated structural elements«, Joint JRC-ECCS report, 2007
- International Workshop on Connections, zborniki zadnjih treh delavnic (2002, 2005, 2008), AISC-ECCS
- BEG, Darko, KUHLMANN, Ulrike, DAVAINÉ, Laurence, BRAUN, Benjamin. Design of plated structures : Eurocode 3 : design of steel structures : part 1-5 - design of plated structures, (ECCS Eurocode design manuals). Brussels: ECCS - European Convention for Constructional Steel Work; Berlin: Ernst & Sohn, 2010. 272 str., ilustr. ISBN 978-92-9147-100-3. ISBN 978-3-433-02980-0. [COBISS.SI-ID 5237601]
- M. Bruneau, C.M. Uang, A. Whittaker, Ductile design of Steel Structures, McGraw-Hill, 1998

#### Empirično modeliranje okoljskih sistemov

- Jørgensen, S.E., Bendoricchio, G. (2001). Fundamentals of Ecological Modelling, 3rd Ed., Elsevier, 530 str.
- Odum, H.T., Odum, E.C. (2000). Modelling for all Scales. An Introduction to System Simulation. Academic Press, 458 str.
- Ian H. Witten; Eibe Frank (2005). Data Mining: Practical machine learning tools and techniques, 2nd Edition. Morgan Kaufmann, San Francisco.
- ATANASOVA, Nataša, KOMPARE, Boris. Data Mining and EDSS. In: GARRIDO BASERBA, Manel (Ed.). Environmental Decision Support Systems (EDSSs) : a tool for wastewater management in the XXI century, (Novedar Consolidar, Vol. 8). [Gerona]: Universitat de Girona, 2011, str. 117-144, ilustr.

#### Geoarheologija

- Goldberg, P. & Macphail, R. 2006: Practical and Theoretical Geoarchaeology. Blackwell Publishing, 472 pp.
- Hertz, N. & Garrison. 1998: Geological Methods for Archaeology. Oxford University Press, 342 pp.
- Goldberg, P., Holliday, V.T. & Reid Ferring, C. 2000: Earth Sciences and Archaeology. Kluwer Academic/Plenum Publishers, 513 pp.
- Garrison, E. 2010: Techniques in Archaeological Geology. Springer, 304 pp.

#### Geofizikalne metode raziskav

- Gosar, A., Ravnik, D. 2007: Uporabna geofizika - univerzitetni učbenik. Naravoslovnotehniška fakulteta, 218 str.
- Kaerey, P., Brooks, M., Hill, I. 2002: An introduction to geophysical exploration. Blackwell, 3rd ed., 262 pp.
- Reynolds, J.M. 1997: An introduction to applied and environmental geophysics. John Wiley & Sons, 769 pp.
- Everett, M.E. 2013: Near-surface applied geophysics. Cambridge University Press, 403 pp.

### Geoinformatika v znanosti in ontologija nepremičnin

- Chaowei Yang, David W. S. Wong, Menas Kafatos, 2008, Network GIS, Springer-Verlag. Cho George, 2005, Geographic Information Science: Mastering the Legal Issues, JohnWiley & Sons.
- Wolfgang Kresse, David M. Danko, 2012. Springer Handbook of Geographic Information.
- Lake Ron, Burggraf David, Trninić Milan, Rae Lairie, 2004, Geography Mark-Up Language (GML), John Wiley & Sons.
- Kang-Tsung Chang, 2010, Introduction to Geographic Information Systems with Data Set CD-ROM [Paperback] (McGraw-Hill Higher Education, 6 edition, 2011)
- Ramanathan Sugumaran, John Degroote, 2010, Spatial Decision Support Systems: Principles and Practices. November 2010.
- Rumbaugh James, Booch Grady, Jacobson Ivar, 2005, The Unified Modeling Language Reference Manual, Addison-Wesley - Object Technology Series.
- Smith Barry, 2008, The Mystery of Capital and the Construction of Social Reality, Open Court Publishing Comp.
- Wilkinson J. Sara and Reed G. Richard, 2008, Property Development, Taylor & Francis.
- Ian Williamson, Stig Enemark, Jude Wallace, Abbas Rajabifard, 2009. Land Administration for sustainable development. Esri Press.
- Worboys F. Michael, Matt Duckham, 2004, GIS: A Computing Perspective, Taylor & Francis."

### Geokemijski procesi

- Li Y. H. 2000: A compendium of geochemistry. Princeton University Press, 475 str., Princeton.
- Rollinson, H. 1993: Using geochemical data: evaluation, presentation, interpretation. Longman Scientific & Technical, 352 str., London.
- Albarède, F. 1995: Introduction to geochemical modelling. Cambridge University Press, 543 str., Cambridge.
- Valley, J. W. & Cole, D. R. 2001: Stable isotope geochemistry, Mineralogical Society of America, 662 str., Washington.
- Dickin, A. P. 2005: Radiogenic isotope geology. Cambridge University Press, 492 str., Cambridge.

### GNSS v geodeziji in geofiziki

- GPS for geodesy / P.J.G. Teunissen, A. Kleusberg / Berlin, Springer -Verlag, 1998
- GPS Theory, Algorithms and Applications / Guochang Xu / Berlin, Springer - Verlag, 2003
- GPS Satellite Surveying / A. Leick – 3. izdaja, Wiley, 2004
- Geodynamics / D.L. Turcotte, G. Schubert / Cambridge University Press, 2002
- M. S. Grewal, A. P. / Kalman filtering : theory and practice, Englewood, CliffsPrentice-Hall, 1993

### Gravimetrija v geodeziji

- B.Hofman Wellenhof, H. Moritz. 2005. Physical Geodesy. Springer (free access)
- Guochang Xu (ed). 2010. Sciences of Geodesy I, chapters 1, 3, 10 (free access)
- D. Turcotte, G. Schubert. 2002. Geodynamics, Cambridge University Press

### Hidrogeologija krasa in medzrnskega poroznega medija

- Bear, J. & Verrujit, 1987: Modelling Groundwater Flow and Pollution.
- Bear, J., 1979: Hydraulics of Groundwater.
- Bear, J., 1972: Dynamics of Fluids in Porous Media.
- Bear, J., & Cheng A.H.D., 2010: Modeling Groundwater Flow and Contaminant Transport.
- Batu, V., 2006: Applied Flow and Solute Transport Modelling in Aquifers.
- Batu, V., 1998: Aquifer Hydraulics.
- Fetter, C.W., 1999: Contaminant hydrogeology. Prentice Hall.
- Lebbe, L.C., 1999: Hydraulic Parameter Identification.
- Rushton, K.K., 2005: Groundwater Hydrology. Wiley.
- Zhang, V., 2002: Stochastic Methods in Flow in Porous Media.

### Hidrološke meritve in hidrološko modeliranje

- Abbott, M.B., Refsgaard, J.C. (ur.) (1996). Distributed hydrological modelling. Water Science and Technology Library, Vol.22, Kluwer Academic Publishers, Dordrecht, 321 str.
- Chang, M. (2006). Forest hydrology – an introduction to water and forests. CRC Press, 474 str.
- Grayson, R., Blöschl, G. (ur.) (2000). Spatial Patterns in Catchment Hydrology – observations and modelling. Cambridge University Press, Cambridge, 404 str.
- Hosking, J.R.M., Wallis, J.R. (1997). Regional frequency analysis: an approach based on L- moments. Cambridge University Press, Cambridge, 224 str.
- Delleur, J.W. (ur.) (2006). The handbook of groundwater engineering. CRC Press LLC, New York, 1320 str.
- McCuen, R.H. (2003). Modeling Hydrologic Change – Statistical Methods. Lewis Publishers, Boca Raton, 433 str.
- Brutsaert W. (2005). Hydrology. Cambridge University Press, Cambridge, 605 str.
- Haan, C.T. (2002). Statistical Methods in Hydrology, Iowa State Press – a Blackwell Publishing Company, Ames, Iowa, 496 str.
- Sorooshian, S., Hsu, K.-I., Coppola, E., Tomassetti, B., Verdecchia, M., Visconti, G. (2008).
- Hydrological Modelling and the Water Cycle - Coupling the Atmospheric and Hydrological Models, Water Science and Technology Library, Vol. 63, Springer Verlag, Berlin, 291 str.

### Izbrana poglavja s področja hidrotehničnih konstrukcij

- Pemič, A., Mikoš, M. (2008). Inženirska hidrotehnika – skripta verzija 2008, UL FGG, Katedra za splošno hidrotehniko, 400 str.
- Strobl, T. Zunic, F. (2006). Wasserbau: Aktuelle Grundlagen – Neue Entwicklungen, Springer, 604 str.
- Giesecke, J., Mosonyi, E. (1998) Wasserkraftanlagen, Springer, Berlin
- Blindt, H., (1987) Wasserbauten aus Beton, Ernst & Sohn, Berlin, 493 str.
- Nonveiller, E., (1983) nasute brane, Školska knjiga, Zagreb, 359 str.
- Roberson AJ, Cassidy JJ, Chaudhry MN (1997), Hydraulic Engineering, John Wiley & Sons, str. 653.
- Novak P, Moffat AIB, Nalluri C, Narayanan R (1996), Hydraulic Structures, E & FN Spon, str. 599.
- Douglas JF, Gasiorek JM, Swaffield JA (2001), Fluid Mechanics, Pearson Education Limited, str. 911.
- Melchers RE (2002), Structural Reliability Analysis and Prediction, John Wiley & Sons, str. 437."

### Jekla visoke trdnosti v konstrukcijah

- P.J. Dowling, J.E. Harding, R. Bjorhovde, Constructional steel design (an international guide), Elsevier Applied Science, 1992.
- International Workshop on Connections, zborniki zadnjih treh delavnic (2005, 2008, 2012), AISC-ECCS
- Ziemian, R.D: Stability Design Criteria for Metal Structures, 6th Edition, 2010
- C M Feldmann, B K&uuml;hn, G Sedlacek et al., 2008, Commentary and worked examples to EN 1993-1-10 ""material toughness and through thickness properties"" and other toughness oriented rules in EN 1993, European Commission, Joint Research Centre
- M. Bruneau, C.M. Uang, A. Whittaker, Ductile design of Steel Structures, McGraw-Hill, 1998

### Kraški procesi in fraktali

- Appelo, C.A.J. & Postma, D., 2006: Geochemistry, groundwater and pollution. A.A. Balkema, Rotterdam; Brookfield, VT.
- Ford, D. & Williams, P., 2007: Karst geomorphology and hydrology. Wiley.
- Klimchouk, A., B., 2000: Speleogenesis, Evolution of Karst Aquifers (National speleological society.
- National Research Council Rock Fractures and Fluid Flow, 1996: Contemporary Understanding and Applications. Washington: National Academy Press.
- Turcotte, D. L., 1992: Fractals and Chaos in Geology and Geophysics. Cambridge University Press.
- Barton, C. & La Pointe, 1995: Fractals in the Earth Sciences. Springer.
- Peitgen, H-O., Jürgens, H., Saupe, D., 2004: Chaos and Fractals. New Frontiers of Science. Springer.

### Lupine in membrane

- IBRAHIMBEGOVIĆ, Adnan, BRANK, Boštjan, COURTOIS, Pierre. Stress resultant geometrically exact form of classical shell model and vector-like parameterization of constrained finite rotations. International journal for numerical methods in engineering, ISSN 0029-5981, 2001, vol. 52, issue 11, str. 1235-1252.
- BRANK, Boštjan, KORELC, Jože, IBRAHIMBEGOVIĆ, Adnan. Nonlinear shell problem formulation accounting for through-the-thickness stretching and its finite element implementation. Computers & Structures, ISSN 0045-7949. [Print ed.], 2002, vol. 80, n. 9/10, str. 699-717.
- BRANK, Boštjan. Assessment of 4-node EAS-ANS shell elements for large deformation analysis. Computational mechanics, ISSN 0178-7675, 2008, letn. 42, št. 1, str. 39-51.
- DUJC, Jaka, BRANK, Boštjan. Stress resultant plasticity for shells revisited. Computer Methods in Applied Mechanics and Engineering, ISSN 0045-7825. [Print ed.], nov. 2012, letn. 247/248, str. 146-165.
- LAVRENČIČ, Marko, BRANK, Boštjan. Simulation of shell buckling by implicit dynamics and numerically dissipative schemes. Thin-walled structures, ISSN 0263-8231, 2018, letn. 132, str. 682-699.

### Matematično modeliranje v prometnem inženirstvu

- Helbing: Traffic and related self-driven many-particle systems, Reviews of modern physics
- Willumsen: Modelling Transport, John Wiley & Sons, 1999.

### Metode inženirskogeoloških raziskav za zahtevne objekte

- G.B.Baecher, J.T.Christian, 2003. Reliability and Statistics in geotechnical Engineering, Wiley, USA.
- R.Widmann, 1995. Anchors in theory and practice, balkema, Rotterdam.
- C.Detournay, 1999. FLAC and Numerical Modeling in Geomechanics, Balkema, Rotterdam.
- C.F.Leung, 1999. Field measurements in geomechanics. Balkema, Rotterdam. W.Powrie, 2004. Soil mechanics, concepts & applications. Spon Press.
- D.G.Fredlung, H.Rahardjo, 1993. Soil mechanics for unsaturated soils. John Willey & Sons."

### Metode izboljšanja temeljnih tal

- KIRSCH, K., BELL, A. Ground Improvement, Third Edition, CRC Press, 2013.
- NICHOLSON, G. Peter. Soil Improvement and Ground Modification Methods, Elsevier, 2014.
- REUBEN H. Karol. Chemical Grouting And Soil Stabilization, Revised And Expanded (3rd Edition), CRC Press, 2003.
- PETROS P. Xanthakos, LEE A. Abramson, DONALD A. Bruce. Ground control and improvement, John Wiley & Sons, 1994.

- Chu, J., Varaksin, S., Klotz, U. and Menge, P. (2009). State of the Art Report: Construction Processes. 17th Intl. Conf. on Soil Mech. and Geotech. Engrg.: TC17 meeting ground Improvement, Alexandria, Egypt, 7 October 2009, 130.

#### Modeliranje podzemnih objektov

- G. Beer, Numerical Simulation in Tunneling, Springer-Verlag Wien, 2003.
- M. Zaman, G. Gioda, J. Booker, Modeling in geomechanics, John Wiley & Sons, Chichester UK, 2000.

#### Modeliranje prenosa in pretvorb snovi v vodnem okolju

- Rajar, R. (1981). Hidromehanika. Učbenik FAGG. 236 str.
- Rajar R. (1986). Hidravlika nestalnega toka, Učbenik FAGG.
- Knaus, J. (1997). Physical Oceanography (2nd ed.). Prentice Hall. 309 str.
- Hearn, C.J. (2008): The Dynamics of Coastal Models. Cambridge University Press. 480 str.
- Clark, M.M. (2009): Transport Modeling for Environmental Engineers and Scientists, Wiley. 664 str.
- Lick, W.J. (2009): Sediment and Contaminant Transport in Surface Waters. CRC Press. 390 str.
- Chau, K.W. (2010): Modelling for Coastal Hydraulics and Engineering. Spon Press. 231. str.

#### Na znanje oprto inženirstvo

- Dalkir, Kimiz. Knowledge management in theory and practice. Routledge, 2013.
- Ratner, Bruce. Statistical and machine-learning data mining: Techniques for better predictive modeling and analysis of big data. CRC Press, 2011.
- Russell, Stuart, Peter Norvig. "Artificial Intelligence. A modern approach." Artificial PrenticeHall, Egnlewood Cliffs, Third Edition (2013).
- Raphael in Smith: Fundamentals of Computer Aided Engineering, Wiley, 2003.

#### Napredna petrologija magmatskih in metamorfnih kamnin

- Ernest, G., Ehlers, E.G., (1982): The interpretation of geological phase diagrams
- Wilson, M., (1989): Igneous petrogenesis - A global tectonic approach
- Ragland, C. P., (1989): Basic analytical Petrology
- Bucher, K., Frey, M., (1994): Petrogenesis of metamorphic rocks
- Shelley, d., (1983): Igneous and metamorphic rocks under the microscope
- F. S. Spear: Metamorphic phase equilibria and pressure-temperature-time paths. Mineralogical Society of America Monograph, 1993.
- K. Bucher & M. Frey: Petrogenesis of Metamorphic Rocks. Springer, 2002.
- R. H. Vernon & G. L. Clarke: Principles of Metamorphic petrology. Cambridge University Press, 2008.

#### Napredne metode planiranja in spremljanja projektov

- Demeulemeester E.L., Project scheduling: a research handbook, Kluwer Ac.Publ., 2002
- Jozefowska, J., Weglarz, J. Perspectives in modern project scheduling, Springer, 2006
- Goldratt, E.M., Critical chain, The North River Press, 1997
- Baldwin, A., Bordoli, D., A Handbook for Construction Planning and Scheduling, Wiley Blackwell, 2014

#### Napredni konstrukcijski sklopi – NKS

- Materials science for solar energy conversion systems, C. G. Granqvist (Ed), Pergamon Press
- Orel, Boris, Šurca Vuk Angela, Slemenik Perše Lidija : Sončni sprejemniki za pridobivanje sončne toplote : učno gradivo = Solar collectors for generation of solar heat : course notes, Ljubljana: Kemijski inštitut, 2008. 147 str.
- Peternelj, Jože; Zvonko Jagličič, Osnove gradbene fizike, univerzitetni učbenik, UL, FGG, 2014

### Nelinearna analiza betonskih konstrukcij

- Bratina S. Odziv armiranobetonskih linijskih konstrukcij na požarno obtežbo, UL FGG, Doktorska disertacija, 2003.
- Krauberger N. Vpliv požara na obnašanje ojačanih betonskih linijskih konstrukcij, UL FGG, Doktorska disertacija, 2008.
- Bajc U. Uklonska nosilnost armiranobetonskih okvirjev med požarom, UL FGG, Doktorska disertacija, 2015.
- A. Ghali A., Favre R., Elbadry M. Concrete structures: stresses and deformation, London: Spon Press, 2002.
- Bažant Z.P., Planas J. Fracture and size effect in concrete and other quasibrittle materials, Boca Raton: CRC Press, 1998.
- Harmathy T.Z. Fire safety design and concrete, London : Longman, 1993.
- Rombach G.A. Finite element design of concrete structures: practical problems and their solutions, London: Telford, 2004.
- Mier J.G.M. van Fracture processes of concrete: assesment of material parameters for fracture models, Boca Raton: CRC Press, 1997.
- Fib, International Federation for Structural Concrete, fib Model Code for Concrete Structures 2010, Berlin: Ernest & Sohn GmbH & Co. KG., 2013.
- NFIRA, Bratina S., Planinc I. Program za nelinearno analizo linijskih betonskih konstrukcij, UL FGG, 2020.

### Nelinearna analiza kompozitnih konstrukcij

- Kim D.-H. (1995): Composite Structures for Civil and Architectural Engineering, F & FN Spon, 490 pp.
- Reddy J.N. (2004): Mechanics of Laminated Composite Plates and Shells: Theory and Analysis, CRC Press, pp. 567-721.

### Nelinearna požarna analiza

- Buchanan, A. H. (2005): Structural Design for Fire Safety, John Wiley & Sons, LTD, 415 str.
- Rasbash D. In sodelavci (2004): Evaluation of Fire Safety, John Wiley & Sons, LTD, 479 str.
- Drysdale, D.: An Introduction to Fire Dynamics, Wiley, 2. izdaja (1998)
- The SFPE Handbook - Fire Protection Engineering, 2nd Edition, Boston, Massachusetts, 1995

### Numerične metode v mehaniki konstrukcij

- W.H. Press, S.A. Teukolsky, W.T. Vetterling, B. P. Flannery, Numerical Recipes in C. The Art of Scientific Computing, Cambridge University Press, 1992.
- O.C. Zienkiewicz, R.L. Taylor, The Finite Element Method, Butterworth Heineman, Oxford, 2000.
- The MathWorks, MATLAB, The Language of Technical Computing, Natick, 2006.

### Numerične metode za elastoplastičnost

- KORELC, Jože, STUPKIEWICZ, Stanisław. Closed-form matrix exponential and its application in finite-strain plasticity. International journal for numerical methods in engineering, ISSN 0029-5981, 2014, 98(13):960-987.
- M. A. Crisfield, Non-linear Finite Element Analysis of Solids and Structures Vol.1-2, John Wiley & Sons, 1991
- Ibrahimbegovic, A. 2009. Nonlinear solid mechanics. Dordrecht: Springer.
- DUJC, Jaka, BRANK, Boštjan, IBRAHIMBEGOVIĆ, Adnan. Quadrilateral Finite Element with Embedded Strong Discontinuity for Failure Analysis of Solids. Computer modeling in engineering&sciences. CMES, ISSN 1526-1492. 2010, letn. 69, št. 3, str. 223-260.
- DUJC, Jaka, BRANK, Boštjan, IBRAHIMBEGOVIĆ, Adnan. Multi-scale computational model for failure analysis of metal frames that includes softening and local buckling. Computer Methods in Applied Mechanics and Engineering, ISSN 0045-7825. 2010, letn. 199, št. 21-22, str. 1371-1385.



### Prenova nepremične kulturne dediščine

- Mednarodne listine ICOMOS, Doktrine 01, ur. J. Grobovšek, ICOMOS/\*SI, 2003
- EN 16096:2012. Conservation of cultural property – Condition survey and report of built cultural heritage. Brussels, European Committee for Standardization.
- Recommendations for the analysis, conservation and structural restoration of architectural heritage, ICOMOS 2003
- Vitruvius, P., Deset knjiga o arhitekturi, prevod V.Bedenko, Zagreb: Golden marketing: Institut građevinarstva Hrvatske, 1999
- European Guidelines for the seismic preservation of cultural heritage assets, Perpetuate Project deliverable D41, 2013, <http://www.perpetuate.eu/category/results-and-documents/technical-reports>
- Guidelines for end-users, Deliverables D10.1-D10.5, FP EU Project NIKKER, 2009 <http://www.niker.eu/downloads/>
- A Scottish Monument Watch. 2012. The case for a proactive maintenance scheme for traditional buildings in Scotland. Report to Technical Conservation Group, Historic Scotland. Stirling City Heritage Trust: 166 str. <http://conservation.historic-scotland.gov.uk/scotmonumentwatchfull.pdf>
- Zakon o varstvu kulturne dediščine (ZVKD-1). Ur. l. RS, št. 16/2008
- Zakon o graditvi objektov (ZGO-1). Ur. l. RS, št. 110/2002.

### Presoja vodnogospodarske urejenosti porečja

- BREZNIK, M., STEINMAN, F. Desalination of Coastal Karst Springs by Hydro-technical and Adaptable Methods. V: SCHORR, Michael (ur.). Desalination, trends and technologies. First published February, 2011. Rijeka: InTech Open Access, 2011, str. 41-70.
- M&Uuml;LLER, M., RAK, G., STEINMAN, F., NOVAK, G.. Katalog poplavnih scenarijev kot strokovna podlaga za načrte zaščite in reševanja ob poplavah. V: ZORN, Matija (ur.), et al. (Ne)prilagojeni, (Knjižna zbirka Naravne nesreče, ISSN 1855-8879, 3). Ljubljana: Založba ZRC, 2014, str. 63-72.
- MAMMOLITI MOCHET, A., ROVERE, S., SACCARDO, I., MARAN, S., FERCEJ, D., STEINMAN, F., SCHNEIDER, J., F&Uuml;REDER, L., LESKY, U., BELLEUDY, P., RUILLET, M., KOPECKI, I., EVRARD, N.. A problem solving approach for sustainable management of hydropower and river ecosystems in the Alps : handbook. [s.l.]: Share, 2012. 90 str.
- KOLLARITS, S., LEBER, D., CORSINI, A., PAPEŽ, J., PREŠEREN, T., SCHNETZER, I., SCHWINGSHANDL, A., KREUTZER, S., PLUNGER, K., STEFANI, M., KOZELJ, D., STEINMAN, F., et al. Monitor II : new methods for linking hazard mapping and contingency planning. [S.l.: s.n.], cop. 2010. 47 str.
- MATIČIČ, B., STEINMAN, F. (2006). Irrigation sector reform in Central and Eastern European Countries : Slovenian Report. V: DIRKSEN, Wolfram (ur.), HUPPERT, Walter (ur.). Irrigation sector reform in Central and Eastern European countries : with the contributions from the ICID national committees of Bulgaria, Czech Republic, Germany, Hungary, Macedonia, Poland, Romania, Russia, Slovenia and Ukraine. Eschborn: Deutsche Gesellschaft f&uuml;r Technische Zusammenarbeit (GTZ); New Delhi: International Commission on Irrigation and Drainage (ICID), cop. 2006, str. 447-527.
- GOSAR, L., STEINMAN, F., KOMPARE, B., BANOVEC, P. (2004). Določitev območij poselitve v Sloveniji po vodnogospodarskih vidikih = Definition of settlement agglomerations in Slovenia according to water management aspects. Urbani izziv, 2004, let. 15, št. 1, str. 33-40, 104-107.

### Pristopi k raziskovanju in načrtovanju rabe prostora

- Mark Deakin, Robert Dixon-Gough, Reinfried Mansberger; Methodologies, models, and instruments for rural and urban land management, Aldershot, Hants, England ; Burlington, VT : Ashgate, cop. 2004
- Haall Peter, Urban and regional planning, London ; Boston : Allen and Unwin, 1985
- Stefanie D&uuml;hr, The visual language of spatial planning : exploring cartographic representations for spatial planning in Europe, New York : Routledge, 2007
- Judith E. Innes and David E. Booher, Planning with complexity : an introduction to collaborative rationality for public policy, Milton Park, Abingdon, Oxon ; New York, NY : Routledge, 2010
- Beinath, E., Nijkamp, P. 1998. Multicriteria Analysis for Land-Use Management. Kluwer Academic Publisher: 373 str.
- Hietel, E., Waldhardt, R., Otte, A. 2007. Statistical modeling of land-cover changes based on key socio-economic indicators. Ecological Economics 62, 3-4: 496-507.
- Irwin, E., Geoghegan, J. 2001. Theory, data, methods: developing spatially explicit economic models of land use change. Agriculture, Ecosystems and Environment 85, 1-3: 7-24.

- Mander, &Uuml;, Wiggering, H., Helming, K. 2007. Multifunctional Land Use – Meeting Future Demands for Landscape Goods and Services. Springer: 424 str.
- Veldkamp, A., Fresco, L. O. 1997. Exploring land use scenarios, an alternative approach based on actual land use. Agricultural systems 55, 1: 1-17.
- Classics in planning 6, 2007. Land use planning. V: Priemus H. (ur.), Button K. (ur.), Nijkamp P. (ur.). Cheltenham, Velika Britanija in Northampton, ZDA, Elgar Reference Collection: 519 str.
- Barrie Needham, Dutch land-use planning : the principles and the practice, Ashgate, 2014
- Ioannis Mahakos; Matthias Braun, Land use and land cover mapping in Europe : practices & trends, Dordrecht : Springer, 2014

#### Programiranje distribuiranih inženirskih aplikacij

- Reese, G. 2009. Cloud Application Architectures, Building Applications and Infrastructure in the Cloud, O'Reilly Media, p. 208.
- Taylor, I.J., Deelman, E., Gannon, D.B., Shields, M. (uredniki). 2007. Workflows for e-Science Scientific Workflows for Grids. XXII, ISBN: 978-1-84628-519-6: 530p.

#### Prostorske linijske konstrukcije

- M.A. Crisfield, G. Jelenić, Objectivity of strain measures in the geometrically exact three-dimensional beam theory and its finite-element implementation, Proc. Roy. Soc. London A 455, 1125–1147, 1999.
- D. Zupan, Rotationally invariant strain measures in geometrically exact three-dimensional beam theory, PhD Thesis, Ljubljana, 2003

#### Raziskovanje vzpostavitve, vodenja in predstavljanja topografskih podatkov

- ISPRS Journal of Photogrammetry and Remote Sensing
- Remote Sensing
- Sensors
- Cartographic Journal
- Cartographica
- Cartographic Perspectives
- Cartography and GIS Science
- International Journal of Cartography

#### Rentgenska strukturna analiza

- David, W.I.F., Shankland, K., McCusker, L.B., Baerlocher, Ch., 2002: Structure determination from powder diffraction data. Oxford UP, New York, 337 pp.
- Massa, W., 2000: Crystal structure determination. Springer, Berlin, 206 pp.

#### Sedimentarna evolucija Tetide

- Torsvik, T.H. & Crocks, L.R.M. 2017: Earth History and Paleogeography. Cambridge University Press, 317pp.
- Pfiffner O.A.: Geology of the Alps. Wiley Blackwell, 2014, 368pp.
- Golonka, J. 2007: Late Triassic and Early Jurassic palaeogeography of the world. - Palaeogeography, Palaeoclimatology, Palaeoecology, Volume 244, Issues 1-4, 297-307p.
- Santantonio, M. 2002: General Field Trip Guidebook. VI International Symposium on the Jurassic System, 12-22 September 2002, 320 pp.
- Stampfli, G.M. and Borel, G.D., 2002. A plate tectonic model for the Paleozoic and Mesozoic constrained by dynamic plate boundaries and restored synthetic oceanic isochrons. Earth and Planetary Science Letters, 196: 17-33.
- Stampfli, G.M., Borel, G.D., W. Cavazza, J. Mosar & P.A. Ziegler 2001: The Paleotectonic Atlas of the Peri-Tethyan Domain.- European geophysical society

- Vlahović, I., Tišljarić, J., Velić, I. & Matičec, D. 2005: Evolution of the Adriatic Carbonate Platform: Palaeogeography, main events and depositional dynamics. *Palaeogeography, Palaeoclimatology, Palaeoecology* 220, 333-360.
- Yin H., J.M. Dickins, G.R. Tong S. & Tong J. 2000: Permian-Triassic Evolution of Tethys and Western Circum-Pacific, Elsevier, 392 pp
- Bertotti, G., Picotti, V., Bernoulli, D. & Castellarin, A. 1993: From rifting to drifting: tectonic evolution of the South-Alpine upper crust from the Triassic to the Early Cretaceous. *Sedimentary Geology* 86, 53-76.
- Cavazza, W., Roure, F., Spakman W. & Stampfli G.W. 2004: The TRANSMED Atlas. The Mediterranean Region from Crust to Mantle: Geological and Geophysical Framework, Springer 127 pp.

#### Eksperimentalno podprto projektiranje zidanih stavb

- P. Beckmann: Structural aspects of building conservation, McGraw-Hill, 1994.
- J.W.Bull (urednik): Computational Modelling of Masonry, Brickwork and Blockwork Structures, Saxe-Coburg Publications, Stirling, Scotland, 2001.
- G. Croci: The Conservation and Structural Restoration of Architectural Heritage, Advances in architecture series, Computational Mechanics Publications, 1998
- J.Donea in P.M.Jones: Experimental and Numerical Methods in Earthquake Engineering, Kluwer Academic Publishers, 1991.
- R.G.Drysdale, A.A.Hamid in L.R.Baker: Masonry Structures – Behavior and Design, Prentice Hall, 1994.
- G.Edgell: Testing of ceramics in construction, Whittles Publishing, 2005.
- A.W.Hendry: Structural Masonry, Macmillan Press, 1998.
- G.C. Mays in P.D. Smith, Blast effects on Buildings, Thomas Telford, 1995
- M. Tomažević: Uvod v eksperimentalno analizo konstrukcij, UL, Ljubljana 1991.
- M. Tomažević: Potresno odporne zidane stavbe, Tehnis, 2009.

#### Hidrološko in geotehnično raziskovanje zemeljskih plazov

- Bonnard, C., Forlati, F., Scavia, C. (Eds.) (2004). Identification and Mitigation of Large Landslide Risks in Europe – Advances in Risk Assessment. Balkema Publishers, Leiden, 317 p.
- Bromhead, E., Dixon, N., Ibsen, M.L. (Eds.) (2000). Landslides in Practice, Theory and Practice. Vol.1 & Vol.2 & Vol.3, Thomas Telford, London, 1684 p.
- Cornforth, D.H. (2005). Landslides in Practice – Investigations, Analysis, and Remedial/Preventative Options in Soils. John Wiley & Sons, Hoboken, New Jersey, 596 p.
- Hungr, O., Fell, R., Couture, R., Eberhardt, E. (Eds.) (2005). Landslide Risk Management. A.A. Balkema, Leiden, 764 p.
- Lacerda, W.A., Ehrlich, M., Fontoura, S.A.B., Sayão, A.S.F. (Eds.) (2004). Landslides: Evaluation and Stabilization. Vol.1 & Vol.2, A.A. Balkema, Leiden, 1746 p.
- Lee, E.M., Jones, D.K. (2004). Landslide Risk Assessment. Thomas Telford Publishing, London, 454 p.
- Rybář, J., Stemberk, J., Wagner, P. (Eds.) (2002). Landslides. Balkema Publishers, Lisse, 734 p.
- Sidle, R.C., Ochiai, H. (2006). Landslides – Processes, Prediction, and Land Use. Water resources monograph, No.18, American Geophysical Union, Washington, DC, 312 p.
- Sassa, K., Rouhban, B., Briceno, S., McSaveney, M., He, B. (Eds.) (2013). Landslides: Global Risk Preparedness. Springer Verlag, 386 p.
- Sassa, K., Canuti, P. (Eds.) (2009). Landslides – Disaster Risk Reduction. Springer Verlag, 649 p.
- Sassa, K., Fukuoka, H., Wang, F., Wang, G. (Eds.) (2007). Progress in Landslide Science. Springer Verlag, 378 p.
- Veder, C. (1981). Landslides and Their Stabilization. Springer Verlag, New York, 247 p.

#### Matematično modeliranje in turbulenca v hidravliki

- Wylie, E.B., Streeter, V.L. (1993): Fluid Transients in Systems, Prentice Hall, 463 pp.
- Joshi, S.E., Bendricchio, G. (2001). Fundamentals of Ecological Modelling, 3rd Ed., Elsevier, 530 pp.

- Violeau, D. (2012): Fluid Mechanics and the SPH Method - Theory and Applications, Oxford University Press, 616 pp. (selected Chapters)
- Rodi, W. (1993): Turbulence Models and Their Application in Hydraulics, A state-of-the-art review, A.A. Balkema, Rotterdam, 104 pp.
- Rodi, W., Constatinescu, G., Stoesser, T. (2013): Large-Eddy Simulation in Hydraulics, IAHR Monograph, Taylor and Francis, 250 pp.
- Cvitanović, P. et al. (2003): Chaos: Classical and quantum. Advanced graduate e-textbook. Accessible at ChaosBook.org (Niels Bohr Institute, Copenhagen), 850 pp.

#### Meritve in modeliranje erozije in sedimentacije

- Allen, P.A. (2017). Sediment Routing Systems – The Fate of Sediment from Source to Sink. Cambridge University Press, 407 p.
- Boardman, J., Poesen, J. (Eds.) (2006). Soil Erosion in Europe. John Wiley & Sons, Chichester, 855 p.
- Chien, N., Wan, Z. (1999). Mechanics of Sediment Transport. ASCE Press, Reston, 913 p.
- Dikau, R., Brunnsden, D., Schrott, L., Ibsen, M-L. (1996). Landslide Recognition – Identification, Movement and Causes. John Wiley & Sons, Chichester, 251 p.
- Julien, P.Y. (1998). Erosion and Sedimentation. Cambridge University Press, Cambridge, 380 p.
- Owens, P.N. (ur.) (2008). Sustainable Management of Sediment Resources – Sediment Management at the River Basin Scale. Elsevier, Amsterdam, 265 p.
- Owens, P.N., Collins, A.J. (Eds.) (2006). Soil erosion and sediment redistribution in river catchments. CABI Publishing, Wallingford, 328 p.
- Strangeways, I. (2007). Precipitation – Theory, Measurement and Distribution. Cambridge University Press, Cambridge, 290 p.
- Toy, T.J., Foster, G.R., Renard, K.G. (2002). Soil Erosion: Processes, Prediction, Measurements, and Control. John Wiley & Sons, New York, 338 p.
- Wohl, E. (2010). Mountain Rivers Revisited. AGU, Washington, DC, 573 p.

#### Metode končnih elementov za konstrukcije

- A. Ibrahimbegovic, Nonlinear solid mechanics. Theoretical formulations and finite element solution methods, Springer 2009.
- M. A. Crisfield, Non-linear finite element analysis of solids and structures, Wiley, 1991.
- J. Bonet, R.D. Wood, Nonlinear continuum mechanics for finite element analysis, Cambridge University press, 1997.

#### Metode numeričnega modeliranja

- S. N. Atluri, Methods of computer modeling in engineering & the sciences, Tech Science Press, 2005.
- M. A. Crisfield, Non-linear Finite Element Analysis of Solids and Structures Vol.1-2, John Wiley & Sons, 1991.

#### Načrtovanje zdravih stavb

- Basic Environmental Health / Yassi A, Kjellstrom T, de Kok T, Guidotti TL. Oxford: Oxford University Press, 2001.
- Zdravje in okolje: izbrana poglavja / Eržen I, Gajšek P, Hlastna Ribič C, Kukec A, Poljšak B, Zaletel Kragel L. Maribor: Univerza v Mariboru, Medicinska fakulteta, 2010.
- Patofiziologija s temelji fiziologije / Bresjanac M, Rupnik M. Ljubljana: Inštitut za patološko fiziologijo, 1999.
- Medicina rada i okoliša / Šarić, M, Žuškin, E. Zagreb, Medicinska naklada, 2002.
- Medicina dela / Bilban M. Ljubljana, Zavod za varstvo pri delu, 2005.
- Oblikovanje dela in delovnih mest / Polajnar A, Verhovnik V. Maribor, FS, 2000.
- Occupational health practice / Schilling RSF. London, Butterworths, 1981.
- Ergonomics, workandhealth / Pheasant S. London, MacMillan Press, 1991.
- Ergonomska fiziologija / Sušnik J. Radovljica, Didakta, 1992.

- Priročnik za načrtovanje in prilagajanje grajenega okolja v korist funkcionalno oviranim ljudem / Vovk M. Ljubljana, Urbanistični inštitut RS, 2000.
- Sustainable architecture, bioclimatic architecture, on line teaching package. SARA – Sustainable Architecture Applied to Replicable Public Access Buildings / Krainer A, [http://kske.fgg.uni-lj.si/Index\\_SI.htm](http://kske.fgg.uni-lj.si/Index_SI.htm), 2008.

#### Napredne tehnologije malt in betonov

- Mehta, P.K., Monteiro, P.J.M., (2013). Concrete: Microstructure, Properties, and Materials, 4. Edition, McGraw-Hill Professional, 704 p.
- Hewlett, P.C. (Ed.), (2004). Lea's Chemistry of Cement and Concrete, 4. izdaja, Elsevier, 1057 strani.

#### Nelinearna analiza in projektiranje potresno odpornih armiranobetonskih stavb

- Paulay, T., Priestley, M.J.N.: Design of Reinforced Concrete and Masonry Buildings for Earthquake Resistance, J. Wiley&Sons, New York, 1991, ali
- Paulay, T., Bachmann, H., Moser, K.: Erdbebenbemessung von Stahlbetonhochbauten, Birkhauser Verlag, Berlin, 1990.
- Fischinger, M.: Projektiranje potresno odpornih armiranobetonskih stavb, skripta. SIST EN 1998-1:2005 - Evrokod 8 - Projektiranje konstrukcij na potresnih območjih - 1. del; Eurocode 8 - Design of structures for earthquake resistance - Part 1

#### Nelinearna mehanika deformabilnih teles

- Bertram A., Elasticity and Plasticity of Large Deformations, Springer-Verlag Berlin Heidelberg 2005;
- Gerhard A. Holzapfel, G. A., Nonlinear Solid Mechanics, John Wiley & Sons, Ltd, 2001. Belytschko T., Liu W.K., Moran B. Nonlinear finite elements for continua and structures, John Wiley & Sons, 2000, 650 p.
- de Souza Neto E.A., Perić D, Owen D.R.J. Computational methods for plasticity, John Wiley& Sons, 2008, 791 p.
- Kelly P. Solid mechanics lecture notes, <http://homepages.engineering.auckland.ac.nz>

#### Novi materiali

- M. F. Ashby, D. R. H. Jones, Engineering Materials, Parts 1 and 2, Pergamon, 1980.
- J. F. Shackelford, Introduction to Materials Science for Engineers, Macmillan Publishing Company, 2992
- W. D. Callister, Materials Science and Engineering, Wiley, 2003.

#### Numerične metode v raziskovanju grajenega okolja

- Z. Bohte, Numerične metode, DMFA, Ljubljana, 1991.
- B. N. Datta: Numerical Linear Algebra and Applications, Brooks/Cole, Pacific Grove, 1995.
- C. F. Gerald, P. O. Wheatley, Applied Numerical Analysis, Addison-Wesley Publishing Company, 1993.
- M. W. Hirsh, S. Smale, R. L. Devaney, Differential Equations, Dynamical Systems, and an Introduction to Chaos, Academic Press, 2004.
- D. Kincaid, W. Cheney, Numerical Analysis, Brooks/Cole, Pacific Grove, 1996.
- J. Kozak: Numerična analiza, DMFA - založništvo, Ljubljana 2008.
- Y. Pinchover, J. Rubinstein, An Introduction to Partial Differential Equations, Cambridge University Press, 2005.
- S. H. Strogatz, Nonlinear Dynamics and Chaos with applications to Physics, Biology, Chemistry, and Engineering, Perseus Books Publishing, 1994.

### Obdelava podob daljinskega zaznavanja

- Oštir, Krištof. 2006. Daljinsko zaznavanje. Ljubljana: Založba ZRC.
- Canty, Morton. 2014. Image Analysis, Classification and Change Detection in Remote Sensing : With Algorithms for ENVI/IDL and Python. Boca Raton, FL: CRC Press.
- Richards, John A. 2013. Remote Sensing Digital Image Analysis. 5th ed. Berlin, Heidelberg: Springer Berlin Heidelberg.
- Mather, Paul, and Magaly Koch. 2011. Computer Processing of Remotely-Sensed Images: An Introduction. 4th ed. Chichester: Wiley.
- Lillesand, Thomas, Ralph W. Kiefer, and Jonathan Chipman. 2015. Remote Sensing and Image Interpretation. 7th ed. Chichester: Wiley.

### Projektiranje in utrditev armiranobetonskih mostov na potresnih območjih

- PRIESTLEY M.J.N., SEIBLE F., CALVI G.M., Seismic Design and Retrofit of Bridges, John Wiley & Sons, 1996.
- SKINNER, R.I., ROBINSON, W.H., McVERRY, G. H., An Introduction to Seismic isolation, John Wiley & Sons, 1993.
- XANTHAKOS Petros P., Theory and design of bridges, John Wiley & Sons, New York, 1994.
- TONIAS, Demetrios E., Bridge Engineering, 2nd. Ed., McGraw Hill, New York, 2007.
- RYALL, M.J., PARKE G:A:R., HARDING, J.E., Manual of Bridge Engineering, The Institution of Civil Engineers, Tomas Telford, 2000.
- KAPPOS, Andreas J. (urednik), SAIIDI, M. Saiid (urednik), AYDINOĞLU, M. Nuray (urednik), ISAKOVIĆ, Tatjana (urednik). Seismic design and assessment of bridges : inelastic methods of analysis and case studies, (Geotechnical, geological and earthquake engineering, Vol. 21). Dordrecht [etc.]: Springer, cop. 2012. XII, 221 str.
- PRIESTLEY MJN, CALVI GM, KOWALSKY MJ, Displacement based Seismic Design of Structures, IUSS Press, Pavia, 2007
- SIST EN 1998-2:2006 - Evrokod 8 - Projektiranje konstrukcij na potresnih območjih - 2. del: Mostovi - Eurocode 8 - Design of structures for earthquake resistance - Part 2: Bridges
- SIST EN 1998-3:2005 - Evrokod 8: Projektiranje potresnoodpornih konstrukcij – 3. del: Ocena in prenova stavb - Eurocode 8: Design of structures for earthquake resistance - Part 3: Assessment and retrofitting of buildings
- SIST EN 1992-2:2005 - Evrokod 2: Projektiranje betonskih konstrukcij – 2. del: Betonski mostovi – Projektiranje in pravila za konstruiranje - Eurocode 2 - Design of concrete structures - Concrete bridges - Design and detailing rules

### Sodobna terestrična geodetska merska tehnologija

- Schlemmer H.: Grundlagen der Sensorik, Eine Instrumentenkunde f&uuml;r Vermessungsingenieure, Wichmann Verlag, 1996

### Stabilni izotopi in fiziološki procesi

- L.B. Flangan et al., 2005 - Stable isotopes and biosphere-atmosphere interactions
- Broder J. Merkel and B. Planer-Friedrich, 2005 - Groundwater Geochemistry
- C.M. Bethke, 1996 - Geochemical Reaction Modeling

### Stabilnost konstrukcij

- Bažant Z.P., Cedolin L. (1991): Stability of Structures, Oxford University press, pp 3-474, 585-623 in 830-937.
- Nguyen Q. S. (2000): Stability and Nonlinear Solid Mechanics, John Wiley & Sons, Ltd., pp 185-231.
- Crisfield M. A. (1997): Non-linear Finite Element Analysis of Solids and Structures, Vol. 2, John Wiley & Sons, pp 338-379.

### Stratigrafija fanerozoika

- Torsvik, T.H. & Crocks, L.R.M. 2017: Earth History and Paleogeography. Cambridge University Press, 317pp.
- Voz&acute;r, J., Ebner, F., Voz&acute;rov&acute;, A., Haas, J., & Kov&acute;cs, S., Sudar, M., Bielik, M. & P&eacute;r&acute;, Cs. (Eds.) 2010: Variscan and Alpine terranes of the Circum-Pannonian Region. Geological Institute, SAS, Bratislava, 233 pp.
- Miall, A. D., 2004: Empiricism and model building in stratigraphy: The historical roots of present-day practices. – Stratigraphy, 1, 3-25.
- Miall, A. D. & Miall, C. E. 2004: Empiricism and model-building in stratigraphy: Around the hermeneutic circle in the pursuit of stratigraphic correlation. - Stratigraphy, 1, 27-46.
- Ross, G. M. 1999: Paleogeography: an earth systems perspective. - Chemical Geology 161, 5–16.
- Walsh, S. L. 2005: The role of stratotypes in stratigraphy. Part 1. Stratotype function. – Earth-Science reviews, 69, 307-332.
- Zalasiewicz et al. 2004: Simplifying the stratigraphy of time. – Geology, 32, 1-4.
- Barnes C. R. 1999: Paleoceanography and paleoclimatology: an Earth system perspective - Chemical Geology 161, 17–35.
- Pillans, B. 2007: Defining the Quaternary: Where we go from here? – Stratigraphy. 4, 145-149.
- Berggren, W.A. et al. Eds. 1995: Geochronology, time scales and global stratigraphic correlation. – SEPM Spec. Publ. 54, 386 pp.
- Blundell, D. J. & Scott, A. C. Eds. 1998: The Past is the Key to the Present.- Geological Society London, Spec. Publ., 143.

### Tehnično upravljanje nepremičnin - izbrana poglavja

- Ratcliffe, J., Stubbs, M. in Keeping, M. (2009): Urban planning and real estate development, Routledge.
- Schmitz, A. in Brett, D. L. (2009): Real estate market analysis, Urban land institute.
- Kroell, R. (2004): Rechte und Belastungen bei der Verkehrswertermittlungen von Grundstuecken, Luchterhand.
- Epley, D. R., Rabianski, J. S. in Haney, R. L. (2002): Real estate decisions, South-Western Thomson Learning.

### Tektonske strukture in procesi

- Twiss R.J., Moores E.M.: Structural Geology (2. izdaja). W. H. Freeman, 2006, 532 str.
- 2.) Pollard D.D., Fletcher R.C.: Fundamentals of Structural Geology. Cambridge University Press, 2005, 512 str.
- St&uuml;we K.: Geodynamics of the Litosphere. (2. izdaja.) Springer, 2007, 493 str.
- Cavazza W., Roure F., Spakman W., Stampfli G.M., Ziegler P.A. (ur.): The TRANSMED Atlas. The Mediterranean Region from Crust to Mantle. Springer, 2004, 141 str.

### Teorija zanesljivosti konstrukcij

- Benjamin, J.R.;Cornell, C.A.,1970,Probability, Statistics,and Decision forCivil Engineers, McGraw-Hill.
- R.Y.Rubinstein, 1981, Simulation and the Monte Carlo Method, John Wiley & Sons, New York.
- Turk,G.2012, Verjetnostniračun in statistika,1. izd. Ljubljana: Fakultetazagrabenstvo in geodezijo.
- Thoft-Christensen, P; Baker, M.J., 1982, Structural Reliability Theory and its Applications, Spriger-Verlag.
- Ellingwood, B.;Galambos, T.V.;MacGregor,J.G.;Cornell, C.A.,1980, Development ofa Probability Based Load Criterion forANS A58, NBS.
- Melchers, R.E.,1987, StructuralReliability, Analysisand Prediction,John Wiley & Sons.
- Blockley,D. (ed.),1992, EngineeringSafety,McGraw-Hill.
- Madsen, H.O.,Krenk, S.,Lind, N.C.,1986, Methods ofStructuralSafety,Prentice- Hall.

### Urejanje vodnega režima

- Cech T.V., (2003), Principles of Water Resources, John Wiley & Sons, str. 446
- Stern N., (2006), The Economics of Climate Change, Cambridge Press, str. 692
- Pahl-Wostl, C., Kabat, P., & Itgen, J. (2008) Adaptive and Integrated Water Management Coping with Complexity and Uncertainty, Springer, Berlin, str. 440 str.

### Verjetnostne metode v grajenem okolju

- Chiles, J.-P.; Delfiner, P. 1999, Geostatistics, Modeling Spatial Uncertainty, John Wiley & Sons
- Cressie, N.A.C. 1993, Statistics for Spatial Data, John Wiley & Sons.
- Turk, G. 2012, Verjetnostni račun in statistika, 1. izd. Ljubljana: Fakulteta za gradbeništvo in geodezijo.
- Turk, G. 2018, Prostorska statistika, Ljubljana: UL FGG, skripta.

### Zaščita vodnega okolja

- Takashi Asano & all, Water Reuse (2007), Metacalf&EDDY/AECOM, 1570 strani
- Juuti S. Petri,(2007), Environmental History of Water, IWA Publishing Cornwall, UK, 629 strani
- Gray F. N. Water technology – An Introduction for Environmental Scientists and Engineers, Arnold, London, Sydney, Auckland, 1999, 548 strani.
- Lee, C., C. (2007), Handbook of environmental engineering calculations, McGraw Hill, New York, 1770 strani
- Shamsi, U., M., (2005), GIS Application for Water, Wastewater and Stormwater Systems, Taylor&Francis Group, Boca Raton, London, New York, Singapore, 413 strani.
- Gerald, T.O. (1983), Mathematical Modelling of Water Quality, John Wiley & Sons, 518 str.
- Imhoff K., Imhoff K. R. (2009), Taschenbuch der Stadtentwässerung, 28. Auflage, Oldenbourg Verlag, Muenchen, Wien, 442 strani.
- Degremont, I. (2007), Water Treatment Handbook, Lavoisier Publishing, Paris, 1928 strani.
- Hosang, W., Bischof, W., (1998), Abwassertechnik, B.G. Teubner Stuttgart, Leipzig, 724 strani.
- Panjan, J., (2008) Zaščita voda (skripta), 128 strani.
- Panjan, J., (2008) Količinske in kakovostne lastnosti voda, skripta 95 strani.

### Sedimentni bazeni in sedimentna okolja

- Miall, A.D. 2000: Principles of sedimentary basin analysis. – Springer-Verlag, 616 pp.
- Allen P.A. & Allen J.R. 2013: Basin analysis: principles and application to petroleum play assessment. Wiley-Blackwell, 619 pp.
- Reading H.G. 1996: Sedimentary environments: processes, facies and stratigraphy
- Bridge. J.S. 2003: Rivers and floodplains: forms, processes and sedimentary record
- Tucker M.E. & Wright P. 1990: Carbonate sedimentology. Blackwell, 482 pp.
- Schlager W. 2005: Carbonate sedimentology and sequence stratigraphy, SEPM, 208 pp.
- Cas R.A.F & Wright J.V. 1995: Volcanic successions: modern and ancient. Chapman & Hall, 528 pp.

### Seizmološke analize in raziskave

- Shearer, P.M. 1999: Introduction to seismology. Cambridge, 260 pp.
- Stein, S., Wysession, M. 2003: An introduction to seismology, earthquakes, and earth structure. Blackwell, 498 pp.
- Udias, A. 1999: Principles of seismology. Cambridge, 475 pp.
- Yeats, R.S., Sieh, K., Allen, C.R. 1997: The geology of earthquakes. Oxford, 568 pp.
- Lowrie, W. 2007: Fundamentals of geophysics. Cambridge, 381 pp.
- Gosar, A. 2011: Osnove seizmologije. Naravoslovnotehniška fakulteta, 70 pp.

### Upravljanje s kakovostjo prostorskih podatkov

- Burrough, P., McDonnell, R. (1998) Principles of Geographical Information Systems, Oxford.



- de Smith, M., Goodchild, M., Longley, P. (2006-2015) Geospatial Analysis - a comprehensive guide. SPLINT, 3rd edition.
- Foody, G.M., Atkinson, P. (eds.) (2002) Uncertainty in Remote Sensing and GIS. Chichester, UK: John Wiley, xviii + 307 p.
- Houml;hle, J., H&ouml;hle, M. (2009) Accuracy assessment of digital elevation models by means of robust statistical methods. ISPRS Journal of Photogrammetry and Remote Sensing 64, 398-406.
- Kimball, R., Caserta, J. (2004) The Data Warehouse ETL Toolkit: Practical Techniques for Extracting, Cleaning, Conforming, and Delivering Data, John Wiley & Sons, New York
- Lloyd, C.D. (2011) Local Models for Spatial Analysis. Second Edition. Boca Raton: CRC Press, 336 p.
- Olsen, J.E. (2003) Data Quality: The Accuracy Dimension, Morgan Kaufmann Publishers, New York.
- Oksanen J., Sarjakoski T. (2006) Uncovering the statistical and spatial characteristics of fine topocscale DEM error. International Journal of Geographical Information Science, 20(4): 345–369.
- Wilson, J.P., Gallant, J.C. (eds.) (2000) Terrain analysis – Principles and Applications. John Wiley & Sons, New York, 479 p.
- Monografije / Monographs Geografski informacijski sistemi v Sloveniji, Založba ZRC / ZRC Publishing (1991–2014).

#### Zajem in modeliranje zemeljskega površja pri ocenah tveganja

- Burrough, P., McDonnell, R. (1998). Principles of Geographical Information Systems, Oxford.
- de Smith, M., Goodchild, M., Longley, P. (2006/2009). Geospatial Analysis a comprehensive guide. SPLINT, 3rd edition
- Huggett, R., Cheesman, J. (2002). Topography and the Environment. Prentice Hall, Pearson Education, Harlow, 274 p.
- Lane, S., Richards, K., Chandler, J. (Eds.) (1998). Landform Monitoring, Modeling and Analysis, John Wiley & Sons, Chichester, 454 p.
- Olsen, J.E. (2003). Data Quality: The Accuracy Dimension, Morgan Kaufmann Publishers, New York
- Teeuw, R.M. (Ed.) (2007). Mapping Hazardous Terrain using Remote Sensing. The Geological Society, London, 169 p.
- Wilson, J.P., Gallant, J.C. (Eds.) (2000). Terrain analysis – Principles and Applications. John Wiley & Sons, New York, 479 p.
- Zborniki Geografski informacijski sistemi v Sloveniji, Založba ZRC (1997/1998, 1999/2000, 2001/2002, 2003/2004, 2005/2006, 2007/2008, 2009-2010, 2011-2012, 2013-2014)

#### Zanesljivost konstrukcij z uporabo v potresnem inženirstvu

- Pinto, PE, Giannini, R, Franchin, P (2004). Seismic reliability analysis of structures, IUSS Press, Pavia, 370 str.
- Kramer, SL (1996). Geotechnical Earthquake Engineering, Prentice Hall, New Jersey, 653 str.
- Walpole, RE, Myers, RH, Myers SL (1998). Probability and statistics for Engineers and Scientists, Prentice Hall, New Jersey, 739 str.
- Baker, JW (2008). An introduction to Probabilistic Seismic Hazard Analysis (PSHA), Stanford University, 76 str.
- Melchers, RE (1999). Structural reliability analysis and prediction. John Wiley & Sons, New York, 437 str.
- Ayyub BM (2003). Risk analysis in Engineering and Economics. Chapman & Hall, 571 str.
- Dolšek M (2008). OS Modeler - User's Manual, UL-FGG, 79 str.
- Dolšek M (2008). OS Modeler - Examples of Application, UL-FGG, 52 str.
- CEN (2005). Eurocode 8: Design of structures for earthquake resistance. Part 3: Strengthening and repair of buildings, Brussels, March 2005.

#### Aplikativna mineralogija

- Mukherjee, S., 2011: Applied Mineralogy: Applications in Industry and Environment. Springer, 575 p.
- Cemic, L., 2005: Thermodynamics in Mineral Sciences: An Introduction. Springer, 386 p.
- Elmo, T., 2011: Geothermobarometry. LOC Publishing, 76 p.

- Chalmers, J.M., Howell G.M. Edwards & Hargreaves, M.D. (eds.), 2012: Infrared and Raman Spectroscopy in Forensic Science. John Wiley & Sons, 618 p.
- Winkler, E.M., 1994: Stone in architecture: properties, durability. Springer, 313 p.

### Inženirsko-geološki procesi

- De Blasio, F. V. (2011). Introduction to the physics of landslides : lecture notes on the dynamics of mass wasting. Dordrecht ; New York, Springer.
- Bobrowsky, P. T. (2013). Encyclopedia of natural hazards. Encyclopedia of earth sciences series. Dordrecht ; New York, Springer.
- de Vallejo, L.G., Ferrer, M., de Freitas, M., 2011. Geological Engineering. CRC Press, 700 str.
- Heritage, G. L. and A. R. G. Large (2009). Laser scanning for the environmental sciences. Chichester, UK ; Hoboken, NJ, WileyBlackwell.
- Landslide Dynamics: ISDRICL Landslide Interactive Teaching Tools, Volume 1 and 2, Springer.

### Osnove reševanja diferencialnih enačb

- Gerald, C.F., Wheatley, P.O. 1993. Applied Numerical Analysis, Addison-Wesley Publishing Company.
- Kozak, J. 2008. Numerična analiza, Ljubljana, DMFA.
- Logan, J. D. 2011, A first course in differential equations, Springer.
- Mizori-Oblak, P. 1987. Matematika za študente tehnike in naravoslovja II, III. Ljubljana, UL, Fakulteta za strojništvo.
- Pinchover, Y., Rubinstein, J., 2005, An Introduction to Partial Differential Equations, Cambridge University Press.
- Vidav, I., 1976. Višja matematika III. Ljubljana, DMFA.

### Plazovi v času in prostoru

- CLAGUE, JJ., STEAD, D. 2012: Landslides. Types, Mechanisms and Modeling. Cambridge University Press 436 pp.
- DE BLASIO, F.V. 2011: Introduction to the Physics of Landslides. Springer, 408 pp.
- READING, H., G. Sedimentary Environments: Processes, Facies and Stratigraphy. 3rd edition. Oxford, University of Oxford, 1996, 688 pp.
- SMITH, M.J., PARON, P. & GRIFFITHS, S. 2011: Geomorphological mapping, methods and applications. – Elsevier. 612 pp.
- STOFFEL, M., BOLLSCHWEILER, M., BUTLER, D., R., LUCKMAN, B., H. 2010: Tree Rings and natural hazards: A state-of-the-Art, Advances in Global Change Research 41, Springer, 2010, 440 pp.

### Sedimentarna evolucija Tetide

- Torsvik, T.H. & Crocks, L.R.M. 2017: Earth History and Paleogeography. Cambridge University Press, 317pp.
- Pfiffner O.A.: Geology of the Alps. Wiley Blackwell, 2014, 368pp.
- Golonka, J. 2007: Late Triassic and Early Jurassic palaeogeography of the world. - Palaeogeography, Palaeoclimatology, Palaeoecology, Volume 244, Issues 1-4, 297-307p.
- Santantonio, M. 2002: General Field Trip Guidebook. VI International Symposium on the Jurassic System, 12-22 September 2002, 320 pp.
- Stampfli, G.M. and Borel, G.D., 2002. A plate tectonic model for the Paleozoic and Mesozoic constrained by dynamic plate boundaries and restored synthetic oceanic isochrons. Earth and Planetary Science Letters, 196: 17-33.
- Stampfli, G.M., Borel, G.D., W. Cavazza, J. Mosar & P.A. Ziegler 2001: The Paleotectonic Atlas of the Peri-Tethyan Domain.- European geophysical society
- Vlahović, I., Tišljarić, J. Velić, I. & Matičec, D. 2005: Evolution of the Adriatic Carbonate Platform: Palaeogeography, main events and depositional dynamics. Palaeogeography, Palaeoclimatology, Palaeoecology 220, 333-360.
- Yin H., J.M. Dickins, G.R. Tong S. & Tong J. 2000: Permian-Triassic Evolution of Tethys and Western Circum-Pacific, Elsevier, 392 pp

- Bertotti, G., Picotti, V., Bernoulli, D. & Castellarin, A. 1993: From rifting to drifting: tectonic evolution of the South-Alpine upper crust from the Triassic to the Early Cretaceous. *Sedimentary Geology* 86, 53-76.
- Cavazza, W., Roure, F., Spakman W. & Stampfli G.W. 2004: The TRANSMED Atlas. The Mediterranean Region from Crust to Mantle: Geological and Geophysical Framework, Springer 127 pp.

### Tektonske strukture in procesi

- Twiss R.J., Moores E.M.: *Structural Geology* (2. izdaja). W. H. Freeman, 2006, 532 str.
- Pollard D.D., Fletcher R.C.: *Fundamentals of Structural Geology*. Cambridge University Press, 2005, 512 str.
- Stumflwe K.: *Geodynamics of the Litosphere*. (2. izdaja.) Springer, 2007, 493 str.
- Cavazza W., Roure F., Spakman W., Stampfli G.M., Ziegler P.A. (ur.): *The TRANSMED Atlas. The Mediterranean Region from Crust to Mantle*. Springer, 2004, 141 str.

### Lupine in membrane

- IBRAHIMBEGOVIĆ, Adnan, BRANK, Boštjan, COURTOIS, Pierre. Stress resultant geometrically exact form of classical shell model and vector-like parameterization of constrained finite rotations. *International journal for numerical methods in engineering*, ISSN 0029-5981, 2001, vol. 52, issue 11, str. 1235-1252.
- BRANK, Boštjan. Assessment of 4-node EAS-ANS shell elements for large deformation analysis. *Computational mechanics*, ISSN 0178-7675, 2008, letn. 42, št. 1, str. 39-51.
- DUJC, Jaka, BRANK, Boštjan. Stress resultant plasticity for shells revisited. *Computer Methods in Applied Mechanics and Engineering*, ISSN 0045-7825. [Print ed.], nov. 2012, letn. 247/248, str. 146-165.
- LAVRENČIČ, Marko, BRANK, Boštjan. Simulation of shell buckling by implicit dynamics and numerically dissipative schemes. *Thin-walled structures*, ISSN 0263-8231, 2018, letn. 132, str. 682-699.

### Modeliranje prenosa in pretvorb snovi v vodnem okolju

- Rajar, R. (1981). *Hidromehanika*. Učbenik FAGG. 236 str.
- Rajar R. (1986). *Hidravlika nestalnega toka*, Učbenik FAGG.
- Knaus, J. (1997). *Physical Oceanography* (2nd ed.). Prentice Hall. 309 str.
- Martinez, PA., Harbaugh JW. (1993) *Simulating Nearshore Environments*. Pergamon Press Inc. 280 str.
- Fennel W., Neuman T. (2004). *Introduction to the modelling of Marine Ecosystems*. Elsevier. 330 str.
- Liu, G.R., Liu, M.B. (2003). *Smoothed Particle Hydrodynamics: a meshfree particle method*, World Scientific. 472 str. (izbrana poglavja)
- Hearn, C.J. (2008): *The Dynamics of Coastal Models*. Cambridge University Press. 480 str.
- Clark, M.M. (2009): *Transport Modeling for Environmental Engineers and Scientists*, Wiley, 2009. 664 str.
- Lick, W.J. (2009): *Sediment and Contaminant Transport in Surface Waters*. CRC Press. 390 str.
- Chau, K.W. (2010): *Modelling for Coastal Hydraulics and Engineering*. Spon Press. 231. str.

### Podnebno prilagojene stavbe

- M. Košir, *Climate Adaptability of Buildings: Bioclimatic Design in the Light of Climate Change*, ISBN 978-3-030-18455-1, 2019, Springer
- M. Pinterić, *Building Physics, From physical principles to international standards*, ISBN 978-3-319-57483-7, 2017, Springer
- P. La Roche, *Carbon-neutral architectural design*, ISBN 978-1-4987-1429-7, 2017, Taylor & Francis
- R. V. Rohli, A. J. Vega, *Climatology*, ISBN 978-1-284-11998-5, 2018, Jones & Bartlett Learning
- S. V. Szokolay, *Introduction to architectural science: the basis of sustainable design*, ISBN 978-0-415-82498-9, 2014, Routledge
- V. Garg, J. Mathur, S. Tetali, A. Bhatia, *Building Energy Simulation: A Workbook Using DesignBuilder&trade;*, ISBN 978-1-4987-4451-5, 2017, CRC Press

### Povezani fizikalni problemi v gradbeništvu

- Murat Peksen, Multiphysics Modelling, Academic Press, 2018.
- A. Ibrahimbegovic, Nonlinear solid mechanics. Theoretical formulations and finite element solution methods, Springer 2009.

### Verjetnostne metode v grajenem okolju

- Chiles, J.-P.; Delfiner, P. 1999, Geostatistics, Modeling Spatial Uncertainty, John Wiley & Sons
- Cressie, N.A.C. 1993, Statistics for Spatial Data, John Wiley & Sons.
- Benjamin, J.R.; Cornell, C.A. 1970, Probability, Statistics, and Decision for Civil Engineers, McGraw-Hill.
- Gumbel, E.J. 1958, Statistics of Extremes, Columbia University Press.
- Kottegoda, N.T.; Rosso, R. 1997, Statistics, Probability and Reliability for Civil and Environmental Engineering, McGraw-Hill. Madsen, H.O., Krenk, S., Lind, N.C. 1986, Methods of Structural Safety, Prentice-Hall.
- Montgomery, D.C.; Runger, G.C. 1994, Applied Statistics and Probability for Engineers, John Wiley & Sons.
- Mardia, K.V., Kent, J.T., Bibby, J.M. 1979, Multivariate Analysis, Academic Press.
- Anerson, T.W. 2003, An Introduction to Multivariate Statistical Analysis, John Wiley & Sons.
- Turk, G. 2012, Verjetnostni račun in statistika, 1. izd. Ljubljana: Fakulteta za gradbeništvo in geodezijo.
- Turk, G. 2018, Prostorska statistika, Ljubljana: UL FGG, skripta.

### Hidrološke meritve in hidrološko modeliranje

- Abbott, M.B., Refsgaard, J.C. (ur.) (1996). Distributed hydrological modelling. Water Science and Technology Library, Vol.22, Kluwer Academic Publishers, Dordrecht, 321 str.
- Chang, M. (2006). Forest hydrology – an introduction to water and forests. CRC Press, 474 str.
- Grayson, R., Blöschl, G. (ur.) (2000). Spatial Patterns in Catchment Hydrology – observations and modelling. Cambridge University Press, Cambridge, 404 str.
- Hosking, J.R.M., Wallis, J.R. (1997). Regional frequency analysis: an approach based on L- moments. Cambridge University Press, Cambridge, 224 str.
- Delleur, J.W. (ur.) (2006). The handbook of groundwater engineering. CRC Press LLC, New York, 1320 str.
- McCuen, R.H. (2003). Modeling Hydrologic Change – Statistical Methods. Lewis Publishers, Boca Raton, 433 str.
- Brutsaert W. (2005). Hydrology. Cambridge University Press, Cambridge, 605 str.
- Haan, C.T. (2002). Statistical Methods in Hydrology, Iowa State Press – a Blackwell Publishing Company, Ames, Iowa, 496 str.
- Sorooshian, S., Hsu, K.-I., Coppola, E., Tomassetti, B., Verdecchia, M., Visconti, G. (2008).
- Hydrological Modelling and the Water Cycle - Coupling the Atmospheric and Hydrological Models, Water Science and Technology Library, Vol. 63, Springer Verlag, Berlin, 291 str.