# Reference notes & tags

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## 1 Tags

climate change
complex systems
reservoir control
water resources
water law
decision-making under uncertainty
machine learning
game theory
MOEAs

### 1.1 climate change

(Clarke et al., 2018)

- Reference ID: Clarke2018
- Authors: Clarke, Leon and Nichols, Leah and Vallario, Robert and Hejazi, Mohamad and Horing, Jil and Janetos, Anthony C. and Mach, Katharine and Mastrandrea, Michael and Orr, Marilee and Preston, Benjamin L and Reed, Patrick and Sands, Ronald D. and White, Dave D.
- Title: Sector Interactions, Multiple Stressors, and Complex Systems
- Journal: Impacts, Risks, and Adaptation in the United States: Fourth National Climate Assessment
- Year: 2018
- Tags: climate change,complex systems
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### 1.2 complex systems

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### 1.3 reservoir control

(Macian-Sorribes and Pulido-Velazquez, 2019)

- Reference ID: Macian-Sorribes2019
- Authors: Macian-Sorribes, Hector and Pulido-Velazquez, Manuel
- Title: Inferring efficient operating rules in multireservoir water resource systems: A review
- Journal: Wiley Interdisciplinary Reviews: Water
- Year: 2019
- Tags: reservoir control,water resources
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### 1.4 water resources

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(Harken et al., 2019)

- Reference ID: Harken2019
- Authors: Harken, Bradley and Chang, Ching Fu and Dietrich, Peter and Kalbacher, Thomas and Rubin, Yoram
- Title: Hydrogeological Modeling and Water Resources Management: Improving the Link Between Data, Prediction, and Decision Making
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(Yu et al., 2019)

- Reference ID: Yu2019
- Authors: Yu, Yang and Tang, Pingzhong and Zhao, Jianshi and Liu, Bo and Mclaughlin, Dennis
- Title: Evolutionary cooperation in transboundary river basins
- Journal: Water Resources Research
- Year: 2019
- Tags: game theory,water resources
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(Gorelick et al., 2020)

- Reference ID: Gorelick2020
- Authors: Gorelick, D. E. and Lin, L. and Zeff, H. B. and Kim, Y. and Vose, J. M. and Coulston, J. W. and Wear, D. N. and Band, L. E. and Reed, P. M. and Characklis, G. W.

- Title: Accounting for Adaptive Water Supply Management When Quantifying Climate and Land Cover Change Vulnerability
- Journal: Water Resources Research
- Year: 2020
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### 1.5 water law

(Escriva-bou et al., 2020)

- Reference ID: Escriva-bou2020
- Authors: Escriva-bou, Alvar and Mccann, Henry and Hanak, Ellen and Lund, Jay and Gray, Brian and Blanco, Elisa and Jezdimirovic, Jelena and Magnuson-Skeels, Bonnie and Tweet, Andrew
- Title: Water Accounting in Western US, Australia, and Spain: Comparative Analysis
- Journal: Journal of Water Resources Planning and Management
- Year: 2020
- Tags: water law
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### 1.6 decision-making under uncertainty

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### 1.7 machine learning

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### 1.9 MOEAs

(Singh et al., 2020)

- Reference ID: Singh2020
- Authors: Singh, Lake A and Whittecar, William R and Diprinzio, Marc D and Herman, Jonathan D and Ferringer, Matthew P and Reed, Patrick M
- Title: Low cost satellite constellations for nearly continuous global coverage
- Journal: Nature Communications
- Year: 2020
- Tags: MOEAs
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## 2 Tagless

(Nayak et al., 2018)

- Reference ID: Nayak2018
- Authors: Nayak, Munir Ahmad and Herman, Jonathan D. and Steinschneider, Scott
- Title: Balancing Flood Risk and Water Supply in California: Policy Search Integrating Short-Term Forecast Ensembles With Conjunctive Use

- Journal: Water Resources Research
- Year: 2018

(Gold et al., 2019)

- Reference ID: Gold2019
- Authors: Gold, D. F. and Reed, P. M. and Trindade, B. C. and Characklis, G. W.
- Title: Identifying Actionable Compromises: Navigating Multi-City Robustness Conflicts to Discover Cooperative Safe Operating Spaces for Regional Water Supply Portfolios
- Journal: Water Resources Research
- Year: 2019

(Insua et al., 2009)

- Reference ID: Insua2009
- Authors: Insua, David Rios and Rios, Jesus and Banks, David
- Title: Adversarial risk analysis
- Journal: Journal of the American Statistical Association
- Year: 2009

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Clarke, L., Nichols, L., Vallario, R., Hejazi, M., Horing, J., Janetos, A. C., Mach, K., Mastrandrea, M., Orr, M., Preston, B. L., Reed, P., Sands, R. D., and White, D. D. (2018). Sector Interactions, Multiple Stressors, and Complex Systems. *Impacts, Risks, and Adaptation in the United States: Fourth National Climate Assessment*, II:638–668.

Escriva-bou, A., Mccann, H., Hanak, E., Lund, J., Gray, B., Blanco, E., Jezdimirovic, J., Magnuson-Skeels, B., and Tweet, A. (2020). Water Accounting in Western US, Australia, and Spain: Comparative Analysis. *Journal of Water Resources Planning and Management*, 146(3):04020004.

Gold, D. F., Reed, P. M., Trindade, B. C., and Characklis, G. W. (2019). Identifying Actionable Compromises: Navigating Multi-City Robustness Conflicts to Discover Cooperative Safe Operating Spaces for Regional Water Supply Portfolios. *Water Resources Research*, pages 1–27.

Gorelick, D. E., Lin, L., Zeff, H. B., Kim, Y., Vose, J. M., Coulston, J. W., Wear, D. N., Band, L. E., Reed, P. M., and Characklis, G. W. (2020). Accounting for Adaptive Water Supply Management When Quantifying Climate and Land Cover Change Vulnerability. *Water Resources Research*, 56:e2019WR025614.

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Singh, L. A., Whittecar, W. R., Diprinzio, M. D., Herman, J. D., Ferringer, M. P., and Reed, P. M. (2020). Low cost satellite constellations for nearly continuous global coverage. *Nature Communications*, 11(200):1–7.

Yu, Y., Tang, P., Zhao, J., Liu, B., and Mclaughlin, D. (2019). Evolutionary cooperation in transboundary river basins. *Water Resources Research*, 55:9977–9994.