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| 1. Record Nr.           | UNINA9910299560503321   |
| Titolo                  | Water and the future of humanity : revisiting water security // Gunkian<br>Think Tank on Water and the Future of Humanity   |
| Pubbl/distr/stampa      | New York, : Springer Science, 2014  |
| ISBN                    | 3-319-01457-9   |
| Descrizione fisica      | 1 online resource (xxi, 241 pages) : color illustrations, maps  |
| Collana                 | Gale eBooks   |
| Disciplina              | 330.9<br>333.91<br>500<br>55  |
| Soggetti                | Water security<br>Water-supply - Risk assessment  |
| Lingua di pubblicazione | Inglese   |
| Formato                 | Materiale a stampa  |
| Livello bibliografico   | Monografia  |
| Note generali           | Description based upon print version of record.   |
| Nota di bibliografia    | Includes bibliographical references.  |
| Nota di contenuto       | Our Water, Our Future -- Drivers of Water Demand, Course Changes, and Outcomes -- Water Management in a Variable and Changing Climate -- Water for a Healthy Environment -- Integrated Urban Water Resources Management -- Water and Food Security: Growing Uncertainties and New Opportunities -- Water and Energy -- Water Projections and Scenarios: Thinking About Our Future -- Our Water Future: Leadership and Individual Responsibility.  |
| Sommario/riassunto      | This unique, engaging, and highly authoritative volume enlightens readers on changes needed in the way society accesses, provides, and uses water. It further shines a light on changes needed in the way we use food, energy, and other goods and services in relation to water, and offers projections and recommendations, up to 2050, that apply to water access challenges facing the poor and the common misuse of water in industry, agriculture, and municipalities. Written by an unparalleled slate of experts convened by the Calouste Gulbenkian Foundation, the book takes on one of the most critical issues on the planet today. In a frank yet optimistic assessment of major developmental challenges, but also opportunities, facing future generations, the author elucidates linkages between water and a range |

of other drivers from various disciplinary and stakeholder perspectives. Ultimately portraying the belief that Humanity can harness its visionary abilities, technologies, and economic resources for increased wellbeing and sound stewardship of resources, the book presents an optimistic statement stressing actions scientists, policy makers, and consumers can and must take to meet the water management challenges of a warming planet anticipating nine billion inhabitants by 2050.

Gulbenkian Think Tank on Water and the Future of Humanity: Benedito Braga, Pres. World Water Council & Prof. of Civil Engineering, Univ. of São Paulo, Brazil; Colin Chatres, Director General of the International Water Management Institute, Sri Lanka; William J. Cosgrove, Pres. of Ecoconsult Inc. & Senior Adviser for the UN World Water Development Report, Canada; Luis Veiga da Cunha, Prof. Environmental Science and Engineering, Universidade Nova de Lisboa, Portugal; Peter Gleick, Pres. of the Pacific Institute, USA; Pavel Kabat, Director, International Institute for Applied Systems Analysis, Austria; and Prof. & Chair, Earth Systems Science, Wageningen University, The Netherlands; Mohamed Ait Kadi, President of the General Council of Agricultural Development, Morocco; Daniel P. Loucks, Prof. of Civil Engineering, Cornell Univ. USA; Jan Lundqvist, Senior Scientific Advisor, Stockholm International Water Institute, Sweden; Sunita Narain, Director, Center for Science & Environment, New Delhi, India; Jun Xia, Pres., International Water Resources Association, Chair Prof. & Dean, The Research Institute for Water Security (RIWS), Wuhan University, China.

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