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water; Conclusions

3. Land and water systems at risk Growing competition for land and water; Degradation of land and water: impacts and causes; Anticipated impacts of climate change; Systems at risk; Conclusions; 4. Technical options for sustainable land and water management; Improving rainfed productivity; Managing soil health and fertility; Soil moisture management for rainfed areas; Integrated approaches to improving productivity in rainfed systems; Sourcing water for irrigated agriculture; Modernizing irrigation systems; Increasing on-farm water productivity Managing environmental risks associated with intensification Land and water approaches in view of climate change; Prospects for implementation; 5. Institutional responses for sustainable land and water management; The overall policy environment; Securing access to land and water resources; Defining national strategies; The role of knowledge; Strengthening international partnerships; Enhancing international cooperation and investment; Lessons for the future; 6. Conclusions and main policy recommendations; Ensuring sustainable production in major land and water systems  
Policies and strategies for sustainable land and water management Reforming international cooperation in land and water management; Looking ahead; Annexes; A1 - Country groupings used; A2 - Environmental externalities associated with irrigated agriculture; A3 - Country programmes for sustainable land management; A4 - Core land and water indicators by country or region; Glossary of terms and definitions used in this report; List of global maps presented in this report; References; Index

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Sommario/riassunto

The State of the World's Land and Water Resources for Food and Agriculture is FAO's first flagship publication on the global status of land and water resources and is the first time that a global, baseline status report has been made. The implications of the status and trends are used to advocate remedial interventions which are tailored to major farming systems within different geographic regions.

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