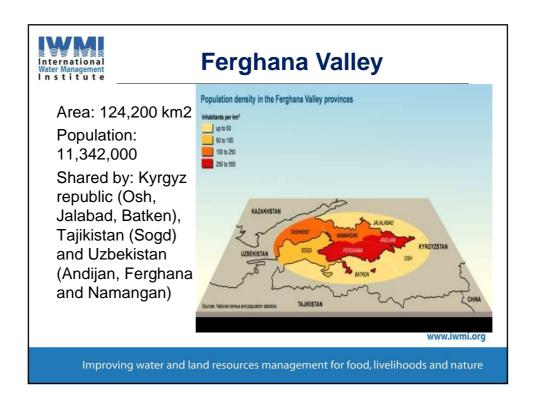


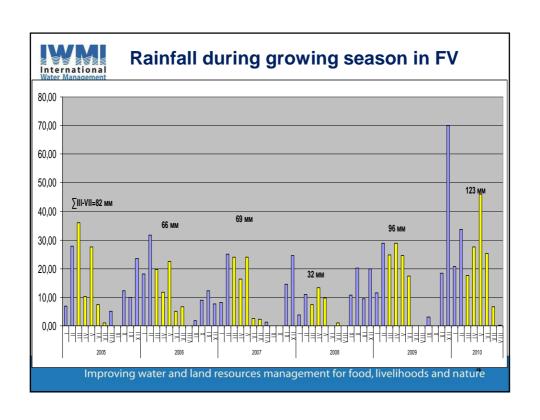


Outline

- Introduction
- Main constraints to improve water productivity
- Goals and objectives
- Organizational structure
- Project interventions and results
- Conclusion
- Next steps

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Why Water Productivity?

- Irrigated agriculture provides almost 90% of crop production and 88% of water used for irrigation
- It is forecasted by 2020 CA population reach to 70 mln.
- More kilograms of agricultural production per unit of water delivered

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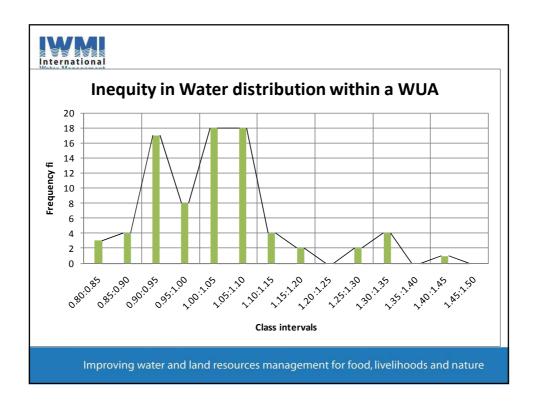
Improving water and land resources management for food, livelihoods and nature

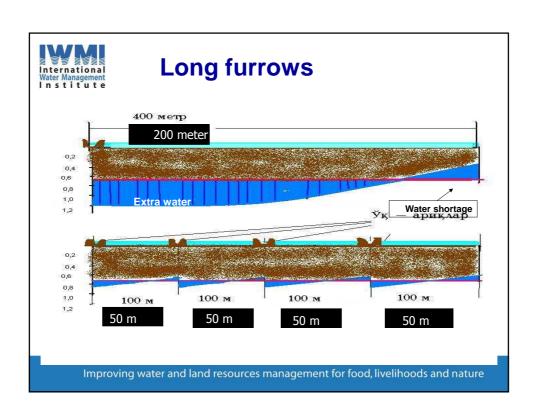


Constraints

- 1. Lack of knowledge about actual crop water requirements.
- 2. Reliability of water supply from canals.
- 3. High field infiltration and runoff losses.
- 4. Low crop yields.
- 5. Inefficient distribution of water on farm level (no measurement)
- 6. Knowledge gap to facilitate communication between researchers and farmers

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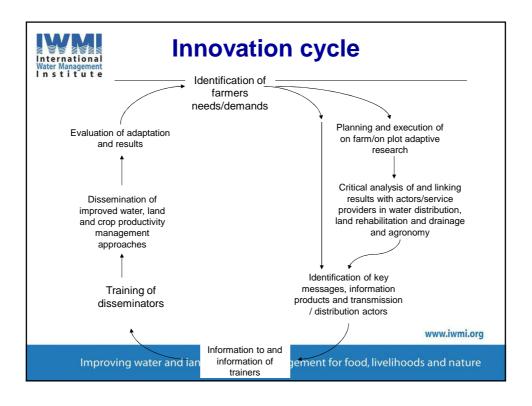


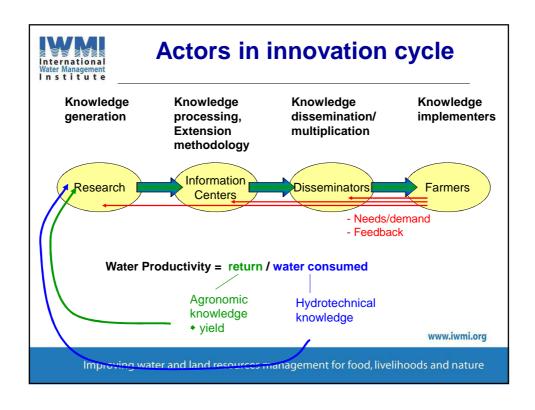
WPI-PL

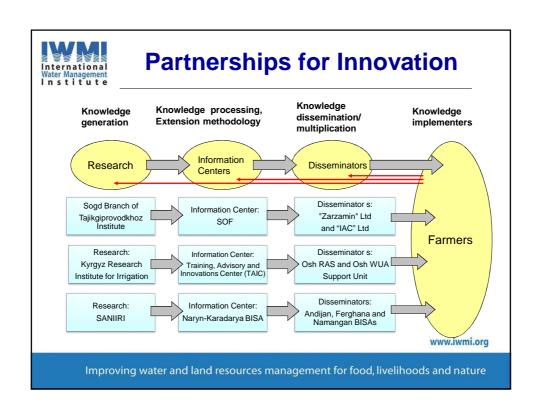
Goal: Enhancing WP, crop yields and yield stability at plot level through improved on-farm water management

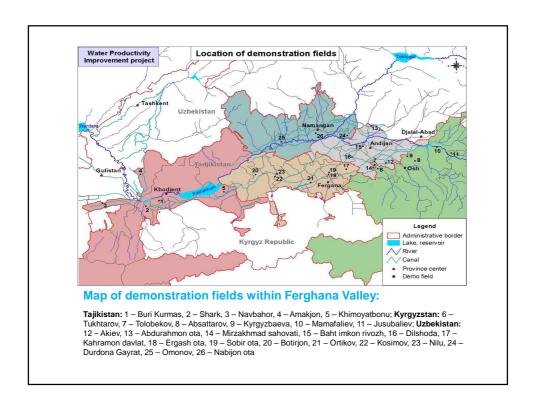
Objective: To strengthen the capacity (in terms of knowledge, extension material and methods) of the different actors in the agricultural innovation system through conveying solid and adapted extension messages relating to WP to the farmers.

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Water accounting



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nanagement for food, livelihoods and nature



Use of water saving technologies

- "Progress Shavkat" ochard 5ha;
- "Akbarali fayz nihollari" ochard 10ha;
- "Dam guldastasi" ochard 25ha;

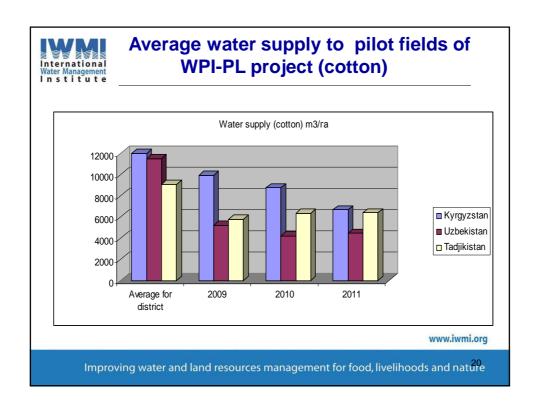


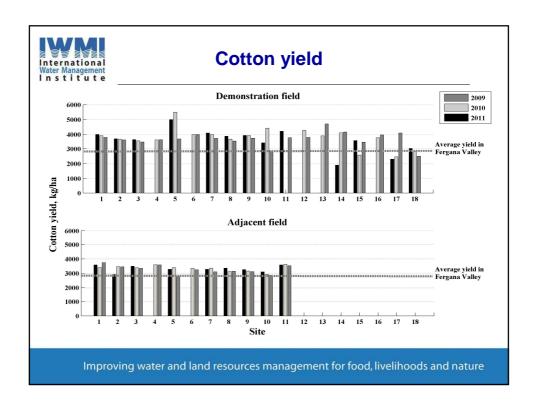














Conclusions

- The technologies, which promoted have proven extremely relevant for the participating farmers and for more efficient water productivity in the Ferghana Valley more generally
- WPI has been very successful in developing and applying the innovation cycle among participating institutional partners and farmers.
- Crop yields increased and water use on farm level decreased at the results of recommendations provided by Research Institutes, Information Centers and Disseminators
- During project period partners supported financially by donor, in future strategies for making the Innovation Cycle self-sustaining financially should be investigated

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Next steps

- Utilise project findings to contribute to policy change through, for example, policy briefs on the economic and environmental benefits of extending the use of water saving technologies
- Look into how to refine the innovation cycle with more explicit attention to changes currently underway in relation to the roles of WCAs, integration with efforts to respond to climate change
- Review of materials produced in WPI so as to (a) see if streamlining is needed, (b) identify and utilise "best practice" within the region regarding both content and approach, and (c) categorise materials according to different needs
- Conduct comprehensive and systematic research into the innovation process that has occurred, particularly comparative analysis across the three countries

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Thank you



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