





Promoting research for strategic goals to shift science towards implementations

Arab Regional Preparatory Meeting for the Midterm Comprehensive Review of the Water Action Decade

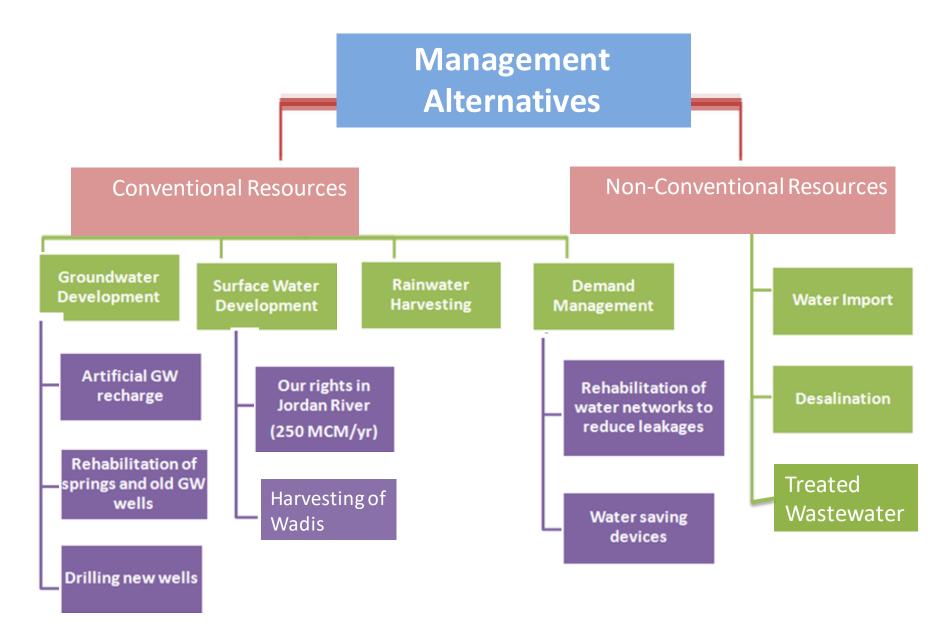
Dr. Subhi Samhan

Director for Research & Development

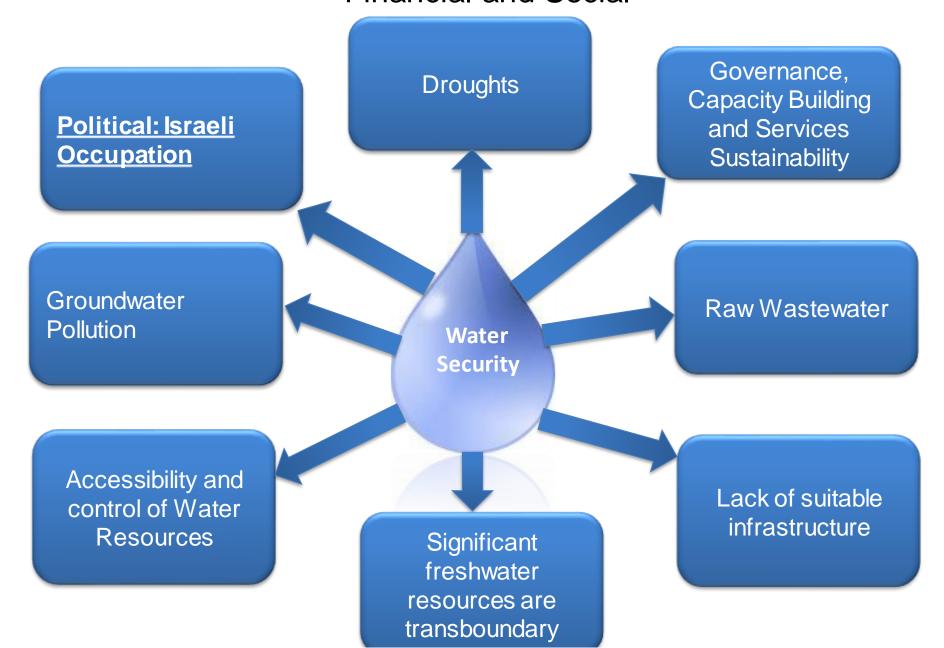
Palestinian Water Authority

Beirut, Lebanon, 18-19 May 2022

Palestinian Management Options



Water Security Main Challenges: Political, Institutional, Financial and Social

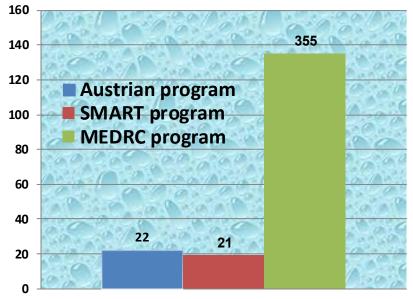


Palestinian Water Authority Research and Academic programs 2008 -2022

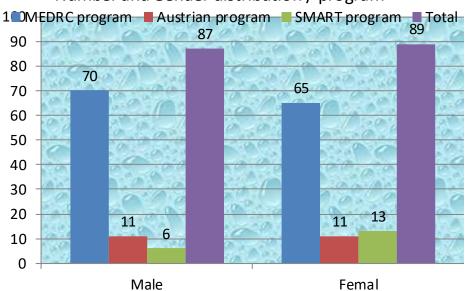
| Program | objective |
|------------------|--|
| | The project allows for investments in building capacity and reform of the |
| Austrian program | wastewater sector within rural areas, thereby contributing to the realization of |
| | the Palestinian water strategies and governance reform and development plan. |
| | The main juristic justification behind SMART was to tackle the water resources |
| SMART program | problem of the Lower Jordan Valley, the LJV, following an Integrated Water |
| | Resource Management approach with law cost technique for domestic and |
| | agriculture. |
| SWMED program | Sustainable Domestic Water Use in Mediterranean Regions: Saving Kits Tools |
| | |
| PADUCO program | Palestinian-Dutch Academic Cooperation Program on Water between Dutch |
| | and Palestinian universities. |
| | MEDRC focus on research, training and communication needs in the |
| MEDRC program | hydrology, wastewater treatment and reuse and mainly the desalination |
| | topics in term of technical, institutional and management. |

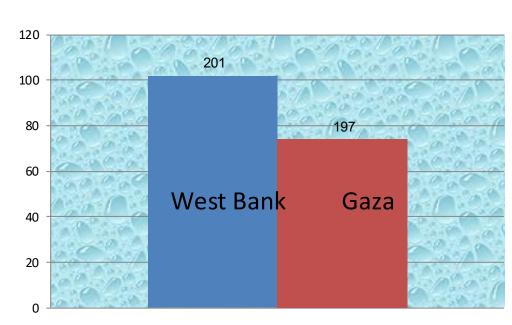
PWA Academic Programs for master Students "Funded by"

PWA Academic Programs for master Students

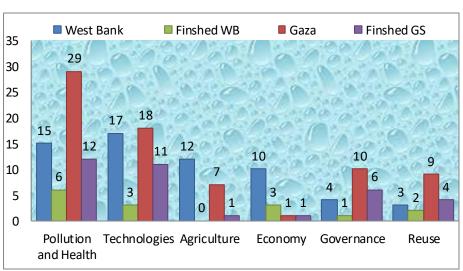


PWA Academic Programs for master Students "Number and Gender distribution / program"





MEDRC Student funded 2012-2018 in Palestine "On going & complete according categories"



Palestinian Universities as groups

Chlorination
Residual
chlorine, pH,
Turbidity and
Temperature.
Chemistry, IT,
economy and
mechanics

SMART Farm Irrigation for agriculture system "quantities" Soil moisture or water potential, pH and TDS Chemistry, IT, agriculture eng, economy and mechanics

Hydroponics
Plant
"quantities"
Soil moisture or
water
potential, pH
and TDS
Chemistry, IT,
agriculture eng,
economy and
mechanics

Olive mille Chemistry, IT, agriculture eng, economy and mechanics Vulnerable
Areas Water,
Delineation
of Wellhead
Protection
Zone and
Brackish
Water,
Chemistry,
hydrology

On going.....

Thanks