

# Overview: Land degradation in the Arab region

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الاسكوا

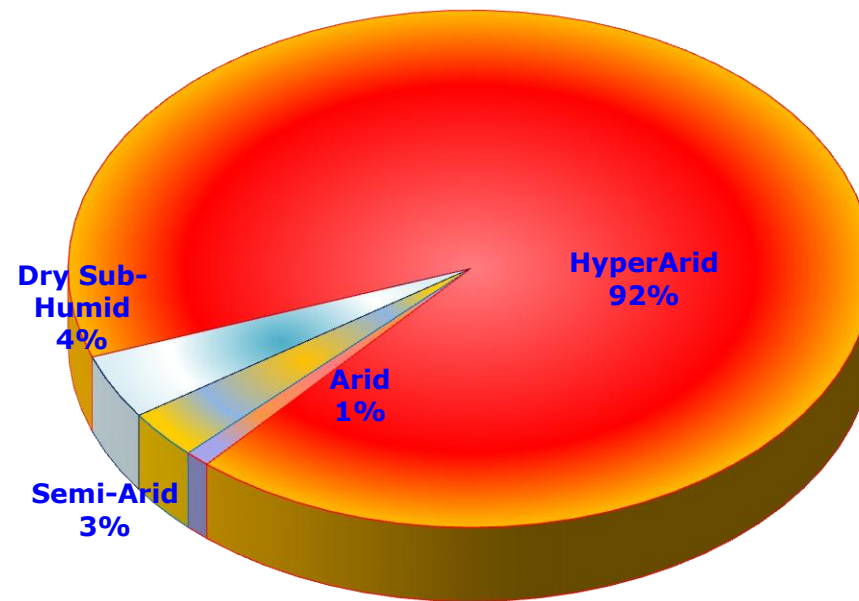
ESCWA

40  
YEARS

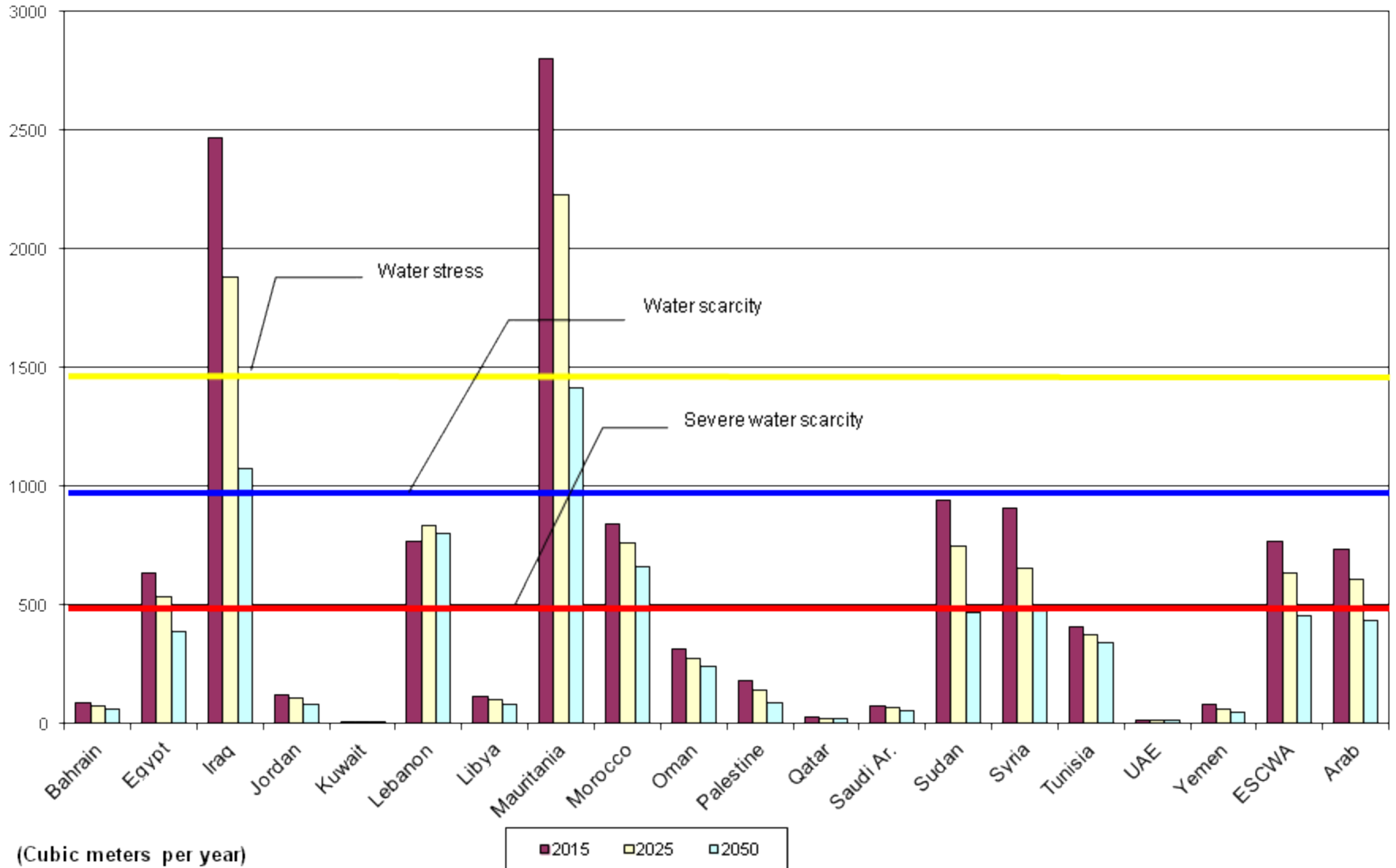
# A Dry Region



# A Dry Region

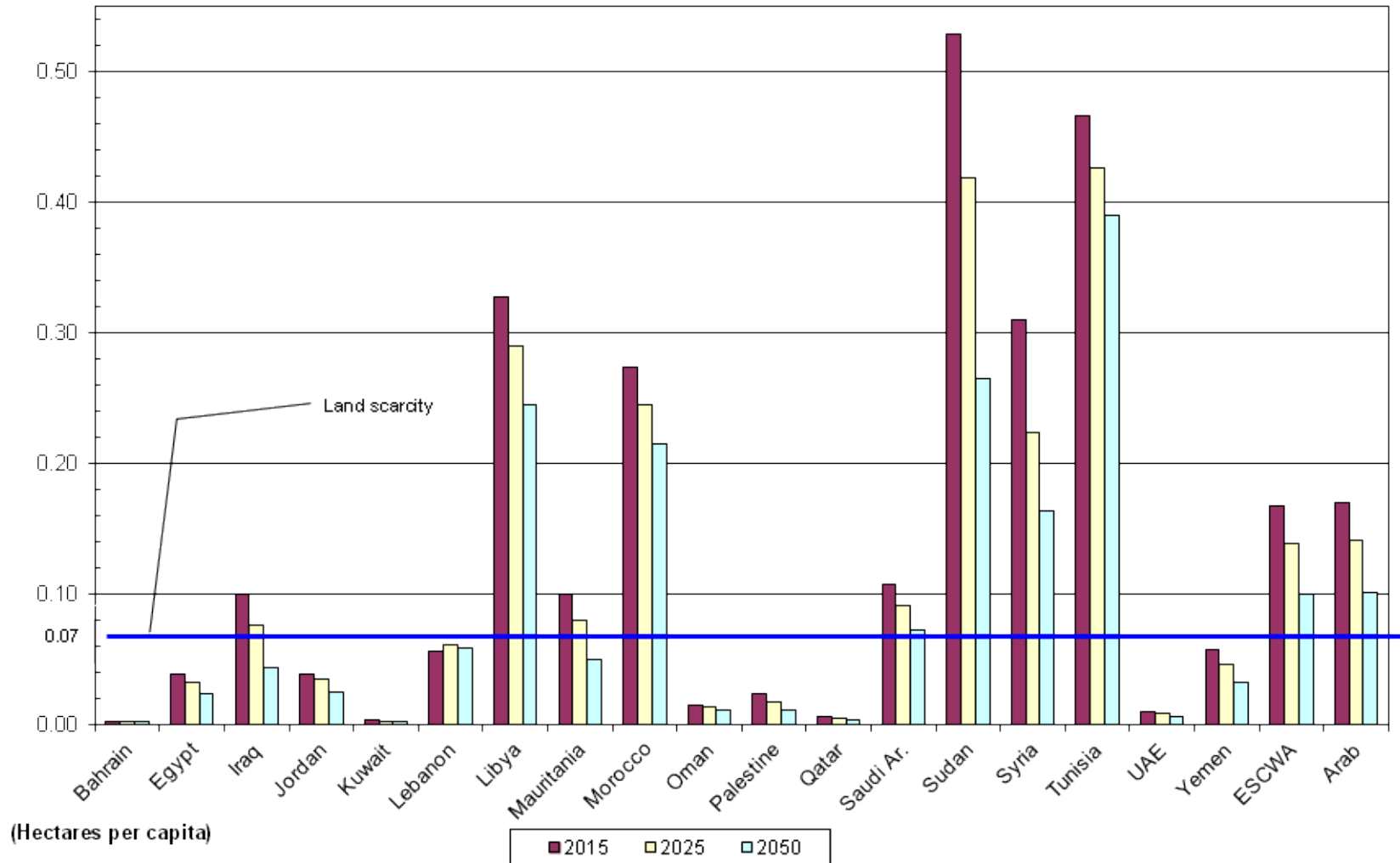


# Water & Land Rising Scarcity



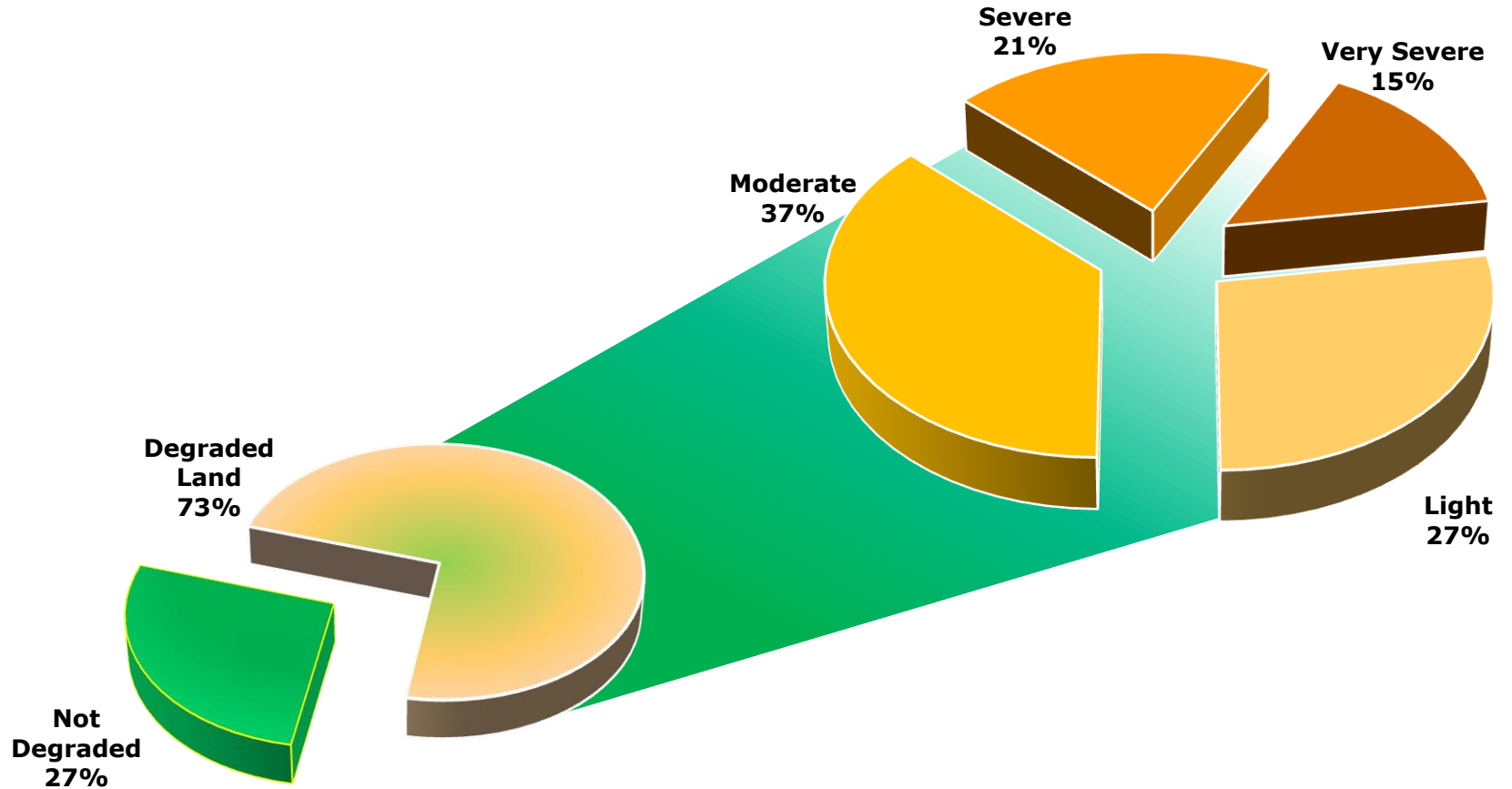
Source: ESCWA based on FAOSTAT (2012), AQUASTAT (2016) and United Nations Population Division (2015)

# Water & Land Rising Scarcity

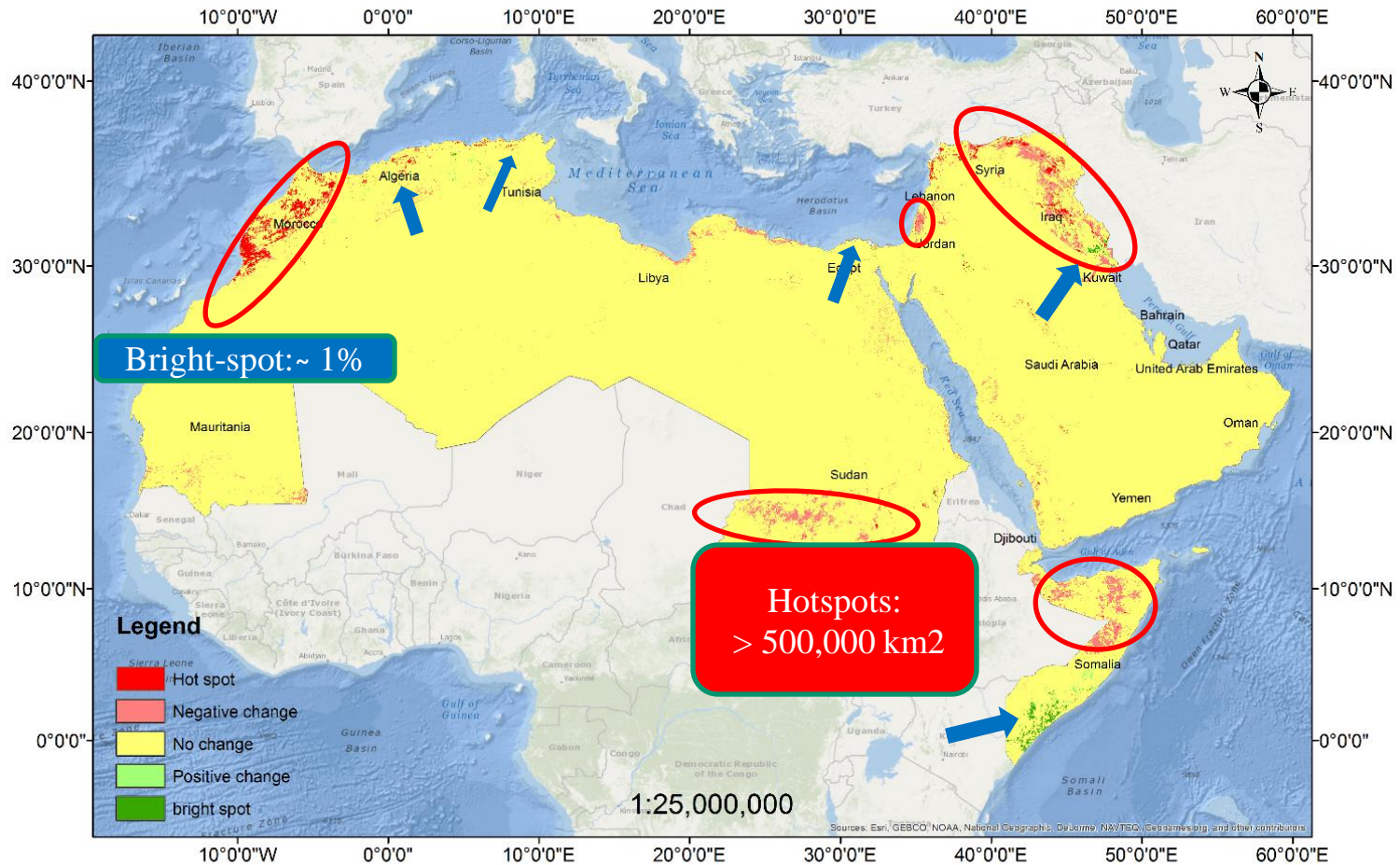


Source: ESCWA based on FAOSTAT (2012), AQUASTAT (2016) and United Nations Population Division (2015)

# Land Degradation



# Vegetation Degradation 1999-2012

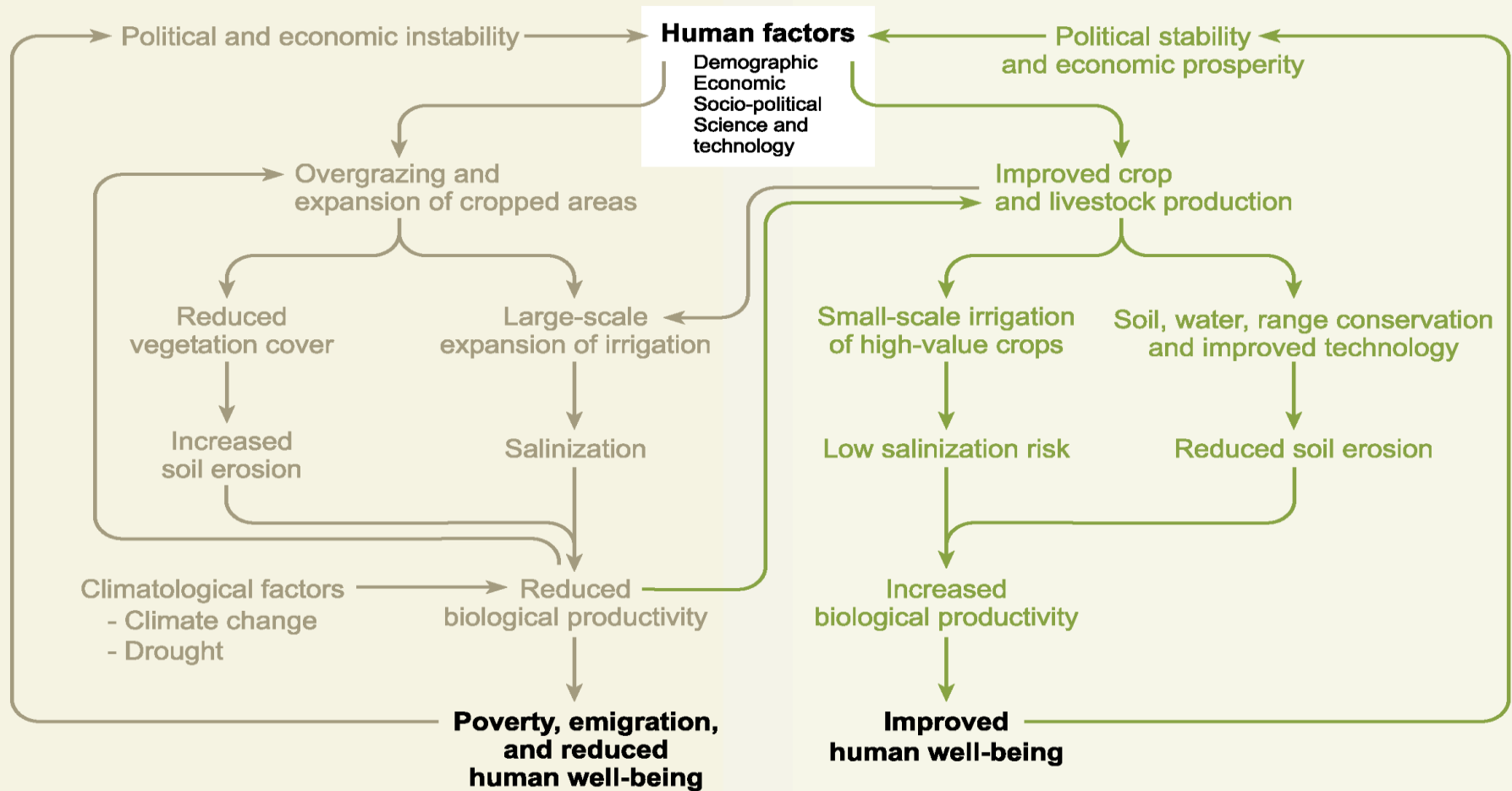


Source: Faour, Mhawej et Fayad (2016): Detecting changes in vegetation trends in the Middle East and North African (MENA) region using SPOT vegetation (<https://cybergeo.revues.org/27620>)

# Land Degradation: vicious vs virtuous

Downward spiral leading to desertification

Approach to avoid desertification



Source: Millennium Ecosystem Assessment



# Land Degradation: vicious vs virtuous

## Good Practices:

- Sustainable Land Management
- Eco-agriculture
- Conservation agriculture
- Organic agriculture
- Precision agriculture

## Bad Practices:

- Intensive agriculture
- Monoculture
- Vegetation removal
- Marginal land
- Excessive chemicals
- Bad crop choice
- Water mining



Land Degradation Neutrality

# THANK YOU!

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