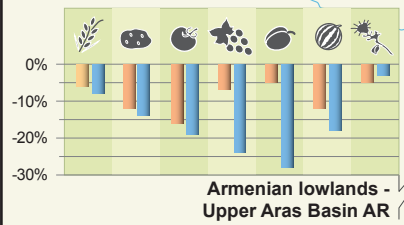
Effect of Climate Change on Crop Yields in the 2040s under the Medium Impact Scenario, no adaptation and no irrigation water constraints

Agricultural Regions

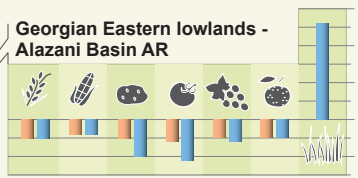
Armenia
1 Lowlands
2 Intermediate
3 Mountainous
4 Excluded area

Azerbaijan
5 High rainfall
6 Irrigated
7 Low rainfall
8 Subtropics

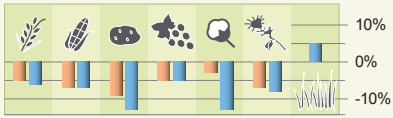
Georgia
9 Eastern lowlands
10 Eastern mountainous
11 Western lowlands
12 Western mountainous



Armenian lowlands - Upper Aras Basin AR



Georgian Eastern lowlands - Alazani Basin AR



Azerbaijan irrigated AR

Abkhazia
Adjara
GEORGIA
Tbilisi
ARMENIA
Yerevan
AZERBAIJAN
Baku
Nakhchyvan (Azerbaijan)
Lake Sevan
Mingachevir Reservoir
Inguri
Rioni
Rioni
Mtkvari (Kura)
Kura
Alazani / Ganykh
Kur (Kura)
Aras-Arax
Aras-Araz
Kur

0 50 km

Wheat Corn Potato Tomato Grape Apricot

Watermelon Mandarin/ Orange Cotton Alfalfa Pasture

Percentage change in yield
Irrigated crop
Rainfed crop

Studied agricultural region or subregion
AR - Agricultural region

Note: Some crops were not analyzed in all three countries.

Source : Ahouissoussi at al., 2014. Map by Manana Kurtubadze, GRID-Arendal, 2015.