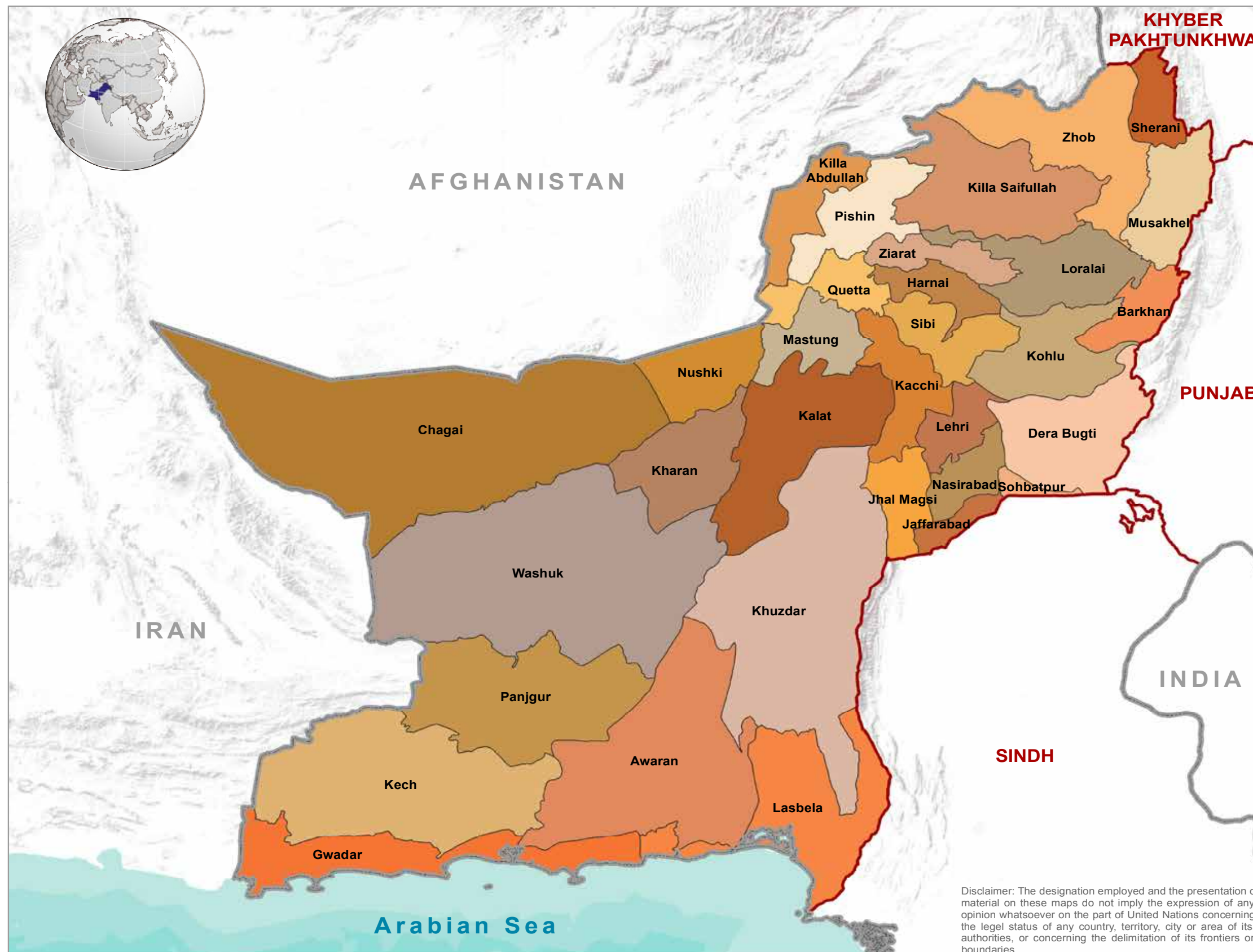




SECTION I GENERAL MAPS

DISTRICTS OF BALOCHISTAN



Map Legend

Administrative limits

- International boundary
- Provincial boundary
- District boundary

About Map

The map shows the districts in Balochistan province. There are total 32 districts in the province. Area-wise the size is variable; in general, the districts in the upper part are smaller than the districts in southern part of the province.

Date: 13 Nov, 2018

Created by: IM UNIT, FAO Pakistan

Map Number: PAK_Soil_Fertility_Atlas_Bal_Final_Base_Map_20181126_1200

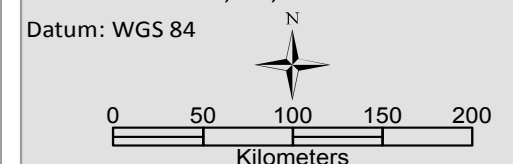
Data Sources

GAUL, FAO and Government of Balochistan

Map Scale and Datum

Nominal scale: 1:3,804,672 at A3

Datum: WGS 84

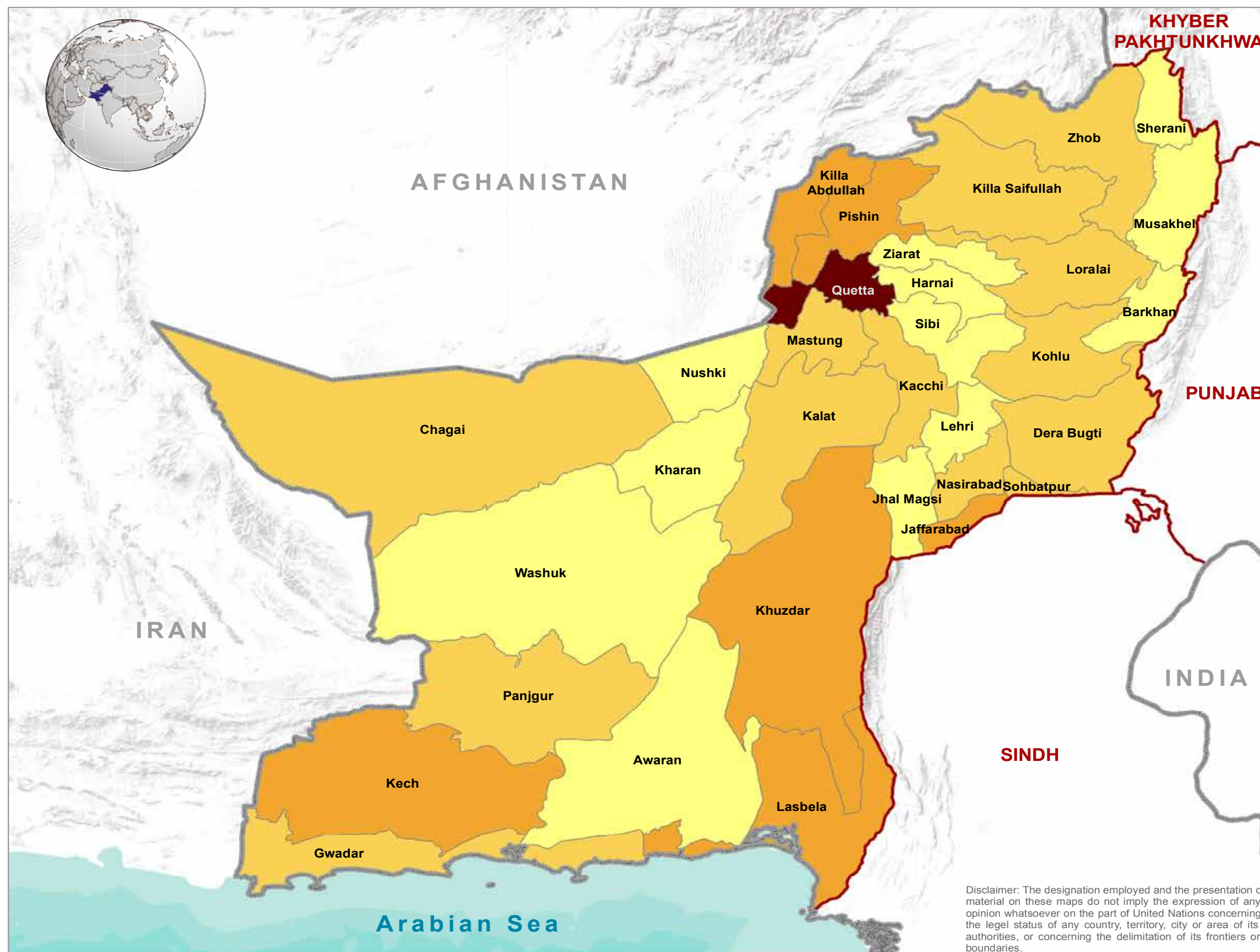


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POPULATION DISTRIBUTION IN BALOCHISTAN



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Map Legend

Administrative limits

- International boundary
- Provincial boundary
- District boundary
- < 200,000
 - 200,001 - 500,000
 - 500,001 - 1,000,000
 - 1,000,001 - 2,000,000
 - > 2,000,000

About Map

The map shows population density, i.e. approximate number of persons living in a particular district of Balochistan province. Quetta is the most thickly populated district where majority of population lives.

Date: 14 Nov, 2018

Created by: IM UNIT, FAO Pakistan

Map Number: PAK_Soil_Fertility_Atlas_Bal_Pop_Map_20181114_1200

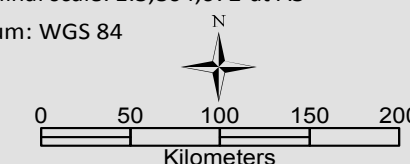
Data Sources

GAUL, FAO and Population Census 2017

Map Scale and Datum

Nominal scale: 1:3,804,672 at A3

Datum: WGS 84



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DISTRICT WISE TOTAL IRRIGATED AREA IN BALOCHISTAN



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Map Legend

Administrative limits

- International boundary
- Provincial boundary
- District boundary

Area under Irrigation (000 Hectares)

- 0 - 5
- 6 - 10
- 11 - 20
- 20 - 50
- > 50

About Map

The map shows area under irrigation in each district of Balochistan. Districts adjacent to Sindh have more irrigated area; only few districts in other parts of Balochistan have irrigated agriculture.

Date: 15 Nov, 2018

Created by: IM UNIT, FAO Pakistan

Map Number: PAK_Soil_Fertility_Atlas_Bal_irrigated_Map_20181115_1200

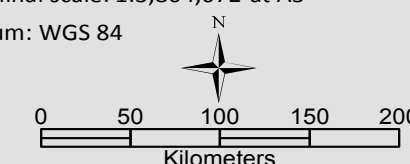
Data Sources

GAUL, FAO, Directorate of Crop Reporting Services, Agriculture Department, Govt of Balochistan.

Map Scale and Datum

Nominal scale: 1:3,804,672 at A3

Datum: WGS 84



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SOIL FERTILITY AND TECHNOLOGIES TESTED IN BALOCHISTAN



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Map Legend

Administrative limits

- International boundary
- Provincial boundary
- District boundary

Tested Technologies

- Drip irrigation with solar pumps for apple orchards (through PCRWR)
- Zero-till drill for planting Wheat after Rice harvest
- Composting and its application for apple orchards
- Application of micronutrients (Fe, Zn and B) for apple orchards

About Map

The map shows different sustainable management practices for improving soil fertility and soil health promoted by ICARDA under different projects in Balochistan.

Date: 15 Nov, 2018

Created by: IM UNIT, FAO Pakistan

Map Number: PAK_Soil_Fertility_Atlas_Bal_

Mgmt_Pract_Map_20181115_1200

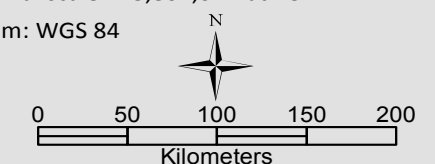
Data Sources

GAUL, FAO, ICARDA Pakistan

Map Scale and Datum

Nominal scale: 1:3,804,672 at A3

Datum: WGS 84

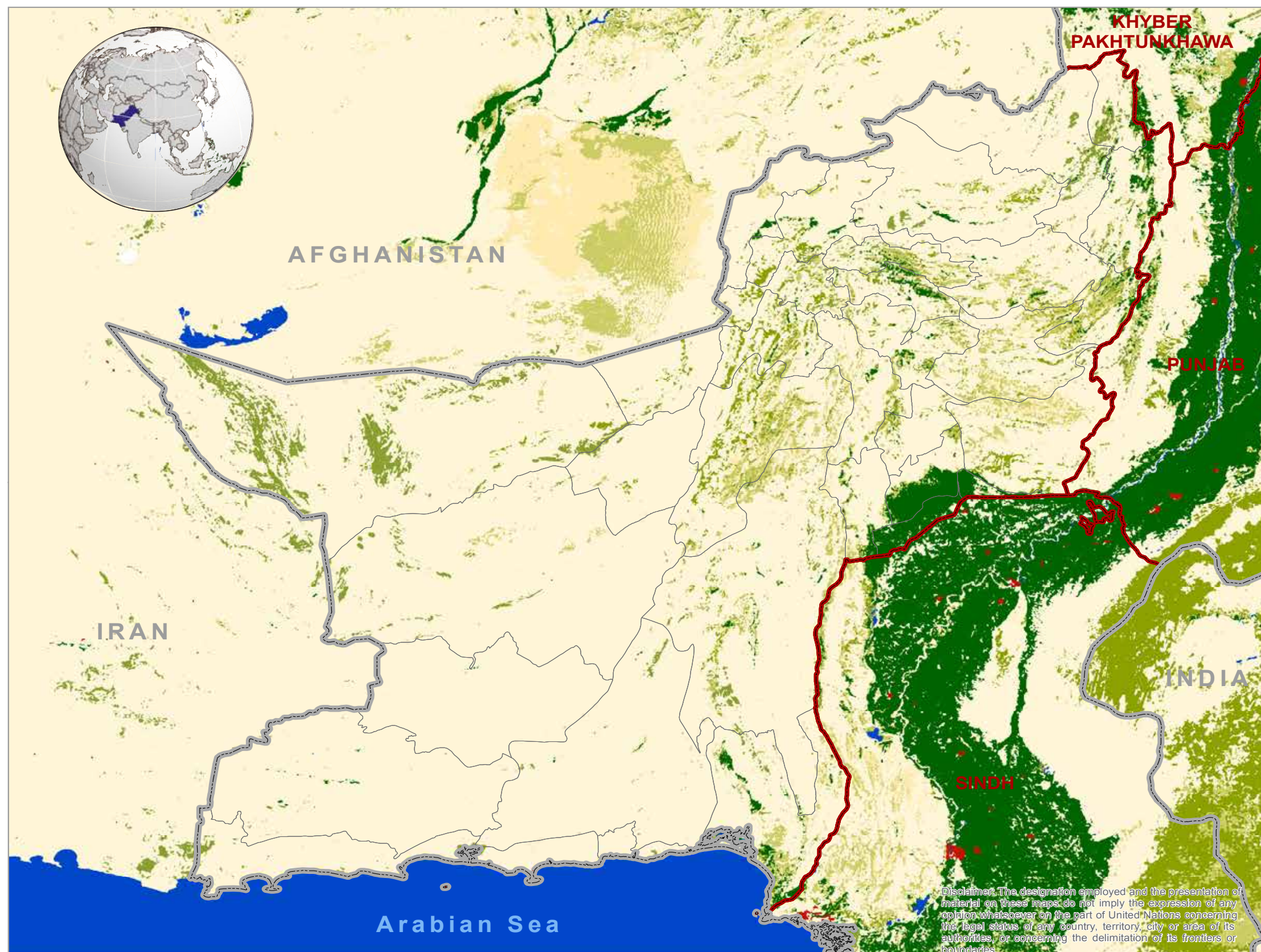


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LAND COVER MAP OF BALOCHISTAN



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Map Legend

Administrative limits

- International boundary
- Provincial boundary
- District boundary

Land cover

- Croplands
- Forests
- Grasslands
- Sparse vegetation
- Built-up/Artificial areas
- Bare areas
- Water bodies

Map Description

The map shows different characteristics of land covers of Balochistan. A clear difference is seen between upper (north-west) and lower (south-west) parts of Balochistan province, separated by Kalat district, with respect to vegetation cover. The former upper part looks relatively greener presumably because of higher agricultural activity in this part. Overall, most of the area in Balochistan province lacks natural vegetation and is thus lying bare.

Date: 23 Oct, 2018

Created by: IM UNIT, FAO Pakistan

Map Number: PAK_Soil_Fertility_Atlas_Bal_LC_Map_20181023_1200

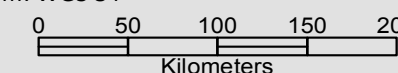
Data Sources

GAUL, FAO and Globecover Data

Map Scale and Datum

Nominal scale: 1:3,804,672 at A3

Datum: WGS 84



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SOIL AND WATER TESTING FACILITIES IN BALOCHISTAN



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Map Legend

Administrative limits

- International boundary
- Provincial boundary
- District boundary

Soil and Water Testing Facilities

- Directorate of Agriculture Extension
- Directorate of Agriculture Research
- Balochistan Agriculture Research & Development Center (BARDC)

About Map

The map shows the current locations of various soil and water testing facilities available in Balochistan (addresses in Annexure-V). Most of the laboratories are non-functional due to financial constraints. However, national fertilizer companies, e.g., FFC and Engro Fertilizers are providing testing facilities to the farmers of Balochistan through their laboratories in the Sindh Province.

Date: 15 Nov, 2018

Created by: IM UNIT, FAO Pakistan

Map Number: PAK_Soil_Fertility_Atlas_Bal_S_W_Testing_Map_20181115_1200

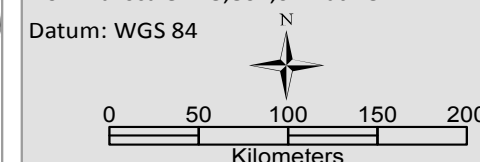
Data Sources

GAUL, FAO, FFCL, Govt of Balochistan

Map Scale and Datum

Nominal scale: 1:3,804,672 at A3

Datum: WGS 84



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