

# Country: Argentina

## Country Group: 2

- Population (2015): 43,417,765
- Population Density: 15.62 (inhab/km<sup>2</sup>)
- Gross Domestic Product (2015): \$595,000,000,000
- Total Agricultural Water Managed Area: 2,357 (1000 ha)
- Annual Precipitation: 591 (mm/year)
- LAC Vulnerability: 3.8



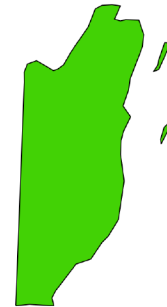
## Bright and Blind Spots

Bright Spots	Blind Spots
political science & governance	wildlife biology
geophysics & seismology	fishing & fisheries sciences/management
engineering	political science & governance
environmental health	food science
chemistry	agricultural economics
atmospheric science/meteorology	genetics/genomics, human & animal
mathematics/statistics, general	industrial & manufacturing engineering
soil sciences, other	sociology
agronomy & crop science	petroleum engineering
microbiology	marine biology & biological oceanography

# Country: Belize

## Country Group: 3

- Population (2015): 359,288
- Population Density: 15.64 (inhab/km<sup>2</sup>)
- Gross Domestic Product (2015): \$1,762,500,450
- Total Agricultural Water Managed Area: 3.548 (1000 ha)
- Annual Precipitation: 1,705 (mm/year)
- LAC Vulnerability: 3.8



## Bright and Blind Spots

Bright Spots	Blind Spots
environmental health	geology
geophysics & seismology	environmental health
engineering	fishing & fisheries sciences/management
agronomy & crop science	agricultural economics
political science & governance	food science
mathematics/statistics, general	genetics/genomics, human & animal
chemistry	petroleum engineering
microbiology	industrial & manufacturing engineering
soil sciences, other	toxicology
environmental toxicology	botany/plant biology

# Country: Bolivia

## Country Group: 3

- Population (2015): 10,724,705
- Population Density: 9.763 (inhab/km<sup>2</sup>)
- Gross Domestic Product (2015): \$33,000,198,263
- Total Agricultural Water Managed Area: 297.2 (1000 ha)
- Annual Precipitation: 1,146 (mm/year)
- LAC Vulnerability: 6.5



## Bright and Blind Spots

Bright Spots	Blind Spots
chemistry	organic chemistry
microbiology	fishing & fisheries sciences/management
environmental health	ocean/marine science
geophysics & seismology	food science
biology	botany/plant biology
soil sciences, other	wildlife biology
environmental toxicology	genetics/genomics, human & animal
ecology	toxicology
agronomy & crop science	petroleum engineering

# Country: Brazil

## Country Group: 1

- Population (2015): 205,962,108
- Population Density: 24.41 (inhab/km<sup>2</sup>)
- Gross Domestic Product (2015): \$1,800,000,000,000
- Total Agricultural Water Managed Area: 5,400 (1000 ha)
- Annual Precipitation: 1,761 (mm/year)
- LAC Vulnerability: 4.5



## Bright and Blind Spots

Bright Spots	Blind Spots
geophysics & seismology	agricultural economics
political science & governance	food science
environmental health	geophysics & seismology
microbiology	petroleum engineering
engineering	genetics/genomics, human & animal
biology	sociology
soil sciences, other	wildlife biology
mathematics/statistics, general	fishing & fisheries sciences/management
chemistry	botany/plant biology
atmospheric science/meteorology	marine biology & biological oceanography

# Country: Chile

## Country Group: 2

- Population (2015): 17,762,681
- Population Density: 23.74 (inhab/km<sup>2</sup>)
- Gross Domestic Product (2015): \$244,000,000,000
- Total Agricultural Water Managed Area: 1,109 (1000 ha)
- Annual Precipitation: 1,522 (mm/year)
- LAC Vulnerability: 3.2



## Bright and Blind Spots

Bright Spots	Blind Spots
environmental health	botany/plant biology
political science & governance	mineralogy/petrology
geophysics & seismology	sociology
agronomy & crop science	industrial & manufacturing engineering
microbiology	fishing & fisheries sciences/management
chemistry	genetics/genomics, human & animal
soil sciences, other	food science
biology	wildlife biology
environmental toxicology	petroleum engineering
atmospheric science/meteorology	marine biology & biological oceanography

# Country: Colombia

## Country Group: 3

- Population (2015): 48,228,697
- Population Density: 42.24 (inhab/km<sup>2</sup>)
- Gross Domestic Product (2015): \$293,000,000,000
- Total Agricultural Water Managed Area: 1,087 (1000 ha)
- Annual Precipitation: 3,240 (mm/year)
- LAC Vulnerability: 7.1



## Bright and Blind Spots

Bright Spots	Blind Spots
geophysics & seismology	analytical chemistry
microbiology	toxicology
soil sciences, other	ocean/marine science
engineering	wildlife biology
environmental health	genetics/genomics, human & animal
agronomy & crop science	food science
chemistry	petroleum engineering
mathematics/statistics, general	mineralogy/petrology
environmental toxicology	fishing & fisheries sciences/management
atmospheric science/meteorology	marine biology & biological oceanography

# Country: Costa Rica

## Country Group: 3

- Population (2015): 4,807,852
- Population Density: 94.09 (inhab/km<sup>2</sup>)
- Gross Domestic Product (2015): \$54,775,994,478
- Total Agricultural Water Managed Area: 101.5 (1000 ha)
- Annual Precipitation: 2,926 (mm/year)
- LAC Vulnerability: 3.9



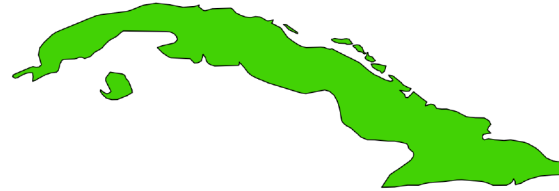
## Bright and Blind Spots

Bright Spots	Blind Spots
engineering	No data
environmental health	
microbiology	
chemistry	
political science & governance	
biology	
geophysics & seismology	
soil sciences, other	
agronomy & crop science	
environmental toxicology	

# Country: Cuba

## Country Group: 3

- Population (2015): 11,461,432
- Population Density: 103.7 (inhab/km<sup>2</sup>)
- Gross Domestic Product (2015): \$87,133,000,000
- Total Agricultural Water Managed Area: 557.6 (1000 ha)
- Annual Precipitation: 1,335 (mm/year)
- LAC Vulnerability: 3.6



## Bright and Blind Spots

Bright Spots	Blind Spots
political science & governance	No data
soil sciences, other	
agronomy & crop science	
environmental health	
geophysics & seismology	
engineering	
biology	
atmospheric science/meteorology	
chemistry	
microbiology	



# Country: Ecuador

## Country Group: 3

- Population (2015): 16,144,368
- Population Density: 62.97 (inhab/km<sup>2</sup>)
- Gross Domestic Product (2015): \$99,290,381,000
- Total Agricultural Water Managed Area: 1,500 (1000 ha)
- Annual Precipitation: 2,274 (mm/year)
- LAC Vulnerability: 6.2



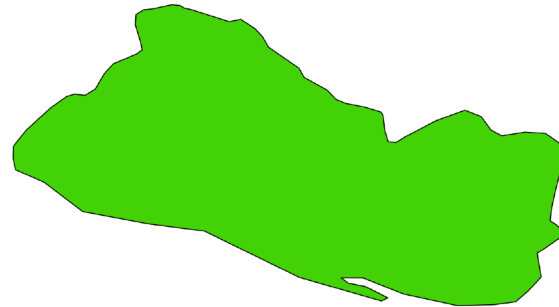
## Bright and Blind Spots

Bright Spots	Blind Spots
microbiology	industrial & manufacturing engineering
biology	wildlife biology
environmental toxicology	botany/plant biology
agronomy & crop science	fishing & fisheries sciences/management
environmental health	genetics/genomics, human & animal
chemistry	food science
geophysics & seismology	ocean/marine science
engineering	toxicology
atmospheric science/meteorology	petroleum engineering
mathematics/statistics, general	marine biology & biological oceanography

# Country: El Salvador

## Country Group: 3

- Population (2015): 6,312,478
- Population Density: 291.2 (inhab/km<sup>2</sup>)
- Gross Domestic Product (2015): \$23,166,030,400
- Total Agricultural Water Managed Area: 45.23 (1000 ha)
- Annual Precipitation: 1,784 (mm/year)
- LAC Vulnerability: 5



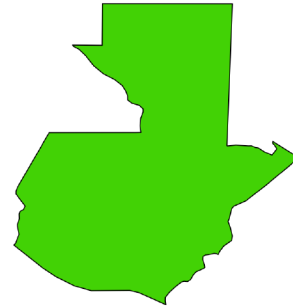
## Bright and Blind Spots

Bright Spots	Blind Spots
political science & governance	No data
environmental health	
biology	
soil sciences, other	
microbiology	
chemistry	
environmental toxicology	
agronomy & crop science	
atmospheric science/meteorology	
engineering	

# Country: Guatemala

## Country Group: 3

- Population (2015): 16,252,429
- Population Density: 150.1 (inhab/km2)
- Gross Domestic Product (2015): \$63,767,597,194
- Total Agricultural Water Managed Area: 337.5 (1000 ha)
- Annual Precipitation: 1,996 (mm/year)
- LAC Vulnerability: 8.3



## Bright and Blind Spots

Bright Spots	Blind Spots
political science & governance	No data
soil sciences, other	
engineering	
microbiology	
agronomy & crop science	
chemistry	
environmental toxicology	
environmental health	
atmospheric science/meteorology	
ecology	

# Country: Honduras

## Country Group: 3

- Population (2015): 8,960,829
- Population Density: 71.78 (inhab/km<sup>2</sup>)
- Gross Domestic Product (2015): \$20,979,767,785
- Total Agricultural Water Managed Area: 89.7 (1000 ha)
- Annual Precipitation: 1,976 (mm/year)
- LAC Vulnerability: 8.1



## Bright and Blind Spots

Bright Spots	Blind Spots
environmental health	No data
microbiology	
chemistry	
soil sciences, other	
biology	
agronomy & crop science	
political science & governance	
geophysics & seismology	
engineering	
environmental toxicology	

# Country: Mexico

## Country Group: 1

- Population (2015): 125,890,949
- Population Density: 65.75 (inhab/km<sup>2</sup>)
- Gross Domestic Product (2015): \$1,170,000,000,000
- Total Agricultural Water Managed Area: 6,460 (1000 ha)
- Annual Precipitation: 758 (mm/year)
- LAC Vulnerability: 5.6



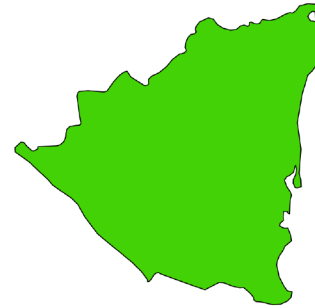
## Bright and Blind Spots

Bright Spots	Blind Spots
agronomy & crop science	forest science & biology
political science & governance	botany/plant biology
soil sciences, other	organic chemistry
biology	industrial & manufacturing engineering
microbiology	petroleum engineering
environmental health	wildlife biology
engineering	fishing & fisheries sciences/management
chemistry	food science
geophysics & seismology	genetics/genomics, human & animal
mathematics/statistics, general	marine biology & biological oceanography

# Country: Nicaragua

## Country Group: 3

- Population (2015): 6,082,035
- Population Density: 46.65 (inhab/km<sup>2</sup>)
- Gross Domestic Product (2015): \$12,611,087,031
- Total Agricultural Water Managed Area: 199.1 (1000 ha)
- Annual Precipitation: 2,280 (mm/year)
- LAC Vulnerability: 5.6



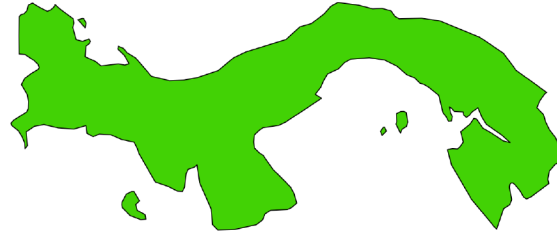
## Bright and Blind Spots

Bright Spots	Blind Spots
environmental health	No data
political science & governance	
soil sciences, other	
agronomy & crop science	
engineering	
chemistry	
geophysics & seismology	
environmental toxicology	
microbiology	
atmospheric science/meteorology	

# Country: Panama

## Country Group: 3

- Population (2015): 3,969,249
- Population Density: 52.09 (inhab/km<sup>2</sup>)
- Gross Domestic Product (2015): \$54,091,713,776
- Total Agricultural Water Managed Area: 32.14 (1000 ha)
- Annual Precipitation: 2,928 (mm/year)
- LAC Vulnerability: 5.2



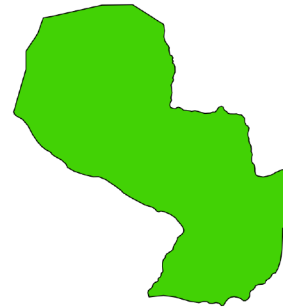
## Bright and Blind Spots

Bright Spots	Blind Spots
political science & governance	animal science
environmental toxicology	political science & governance
agronomy & crop science	mineralogy/petrology
engineering	fishing & fisheries sciences/management
environmental health	sociology
microbiology	genetics/genomics, human & animal
chemistry	petroleum engineering
geophysics & seismology	industrial & manufacturing engineering
biology	toxicology
soil sciences, other	food science

# Country: Paraguay

## Country Group: 3

- Population (2015): 6,639,119
- Population Density: 16.32 (inhab/km<sup>2</sup>)
- Gross Domestic Product (2015): \$36,164,068,797
- Total Agricultural Water Managed Area: 136.2 (1000 ha)
- Annual Precipitation: 1,130 (mm/year)
- LAC Vulnerability: 4.5



## Bright and Blind Spots

Bright Spots	Blind Spots
environmental health	forest science & biology
geophysics & seismology	sociology
soil sciences, other	plant physiology
engineering	geophysics & seismology
chemistry	mineralogy/petrology
agronomy & crop science	environmental health
microbiology	botany/plant biology
biology	petroleum engineering
environmental toxicology	food science
atmospheric science/meteorology	marine biology & biological oceanography



# Country: Peru

## Country Group: 3

- Population (2015): 31,376,671
- Population Density: 24.41 (inhab/km<sup>2</sup>)
- Gross Domestic Product (2015): \$190,000,000,000
- Total Agricultural Water Managed Area: 2,580 (1000 ha)
- Annual Precipitation: 1,738 (mm/year)
- LAC Vulnerability: 6.2



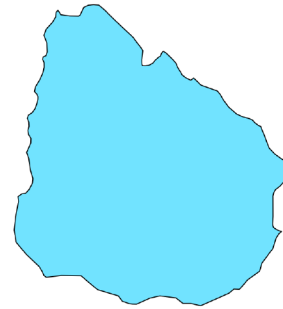
## Bright and Blind Spots

Bright Spots	Blind Spots
soil sciences, other	animal science
agronomy & crop science	fishing & fisheries sciences/management
microbiology	toxicology
geophysics & seismology	petroleum engineering
environmental health	wildlife biology
environmental toxicology	genetics/genomics, human & animal
chemistry	botany/plant biology
biology	plant physiology
atmospheric science/meteorology	food science

# Country: Uruguay

## Country Group: 3

- Population (2015): 3,431,552
- Population Density: 19.48 (inhab/km<sup>2</sup>)
- Gross Domestic Product (2015): \$53,274,304,222
- Total Agricultural Water Managed Area: 238 (1000 ha)
- Annual Precipitation: 1,300 (mm/year)
- LAC Vulnerability: 3.1



## Bright and Blind Spots

Bright Spots	Blind Spots
political science & governance	geophysics & seismology
geophysics & seismology	plant physiology
environmental health	geochemistry
soil sciences, other	political science & governance
chemistry	mineralogy/petrology
engineering	agricultural economics
atmospheric science/meteorology	botany/plant biology
environmental toxicology	food science
agronomy & crop science	sociology
mathematics/statistics, general	marine biology & biological oceanography

# Country: Venezuela

## Country Group: 2

- Population (2015): 31,155,134
- Population Density: 34.11 (inhab/km<sup>2</sup>)
- Gross Domestic Product (2015): \$482,000,000,000
- Total Agricultural Water Managed Area: 1,055 (1000 ha)
- Annual Precipitation: 2,044 (mm/year)
- LAC Vulnerability: 6.1



## Bright and Blind Spots

Bright Spots	Blind Spots
geophysics & seismology	toxicology
political science & governance	sociology
agronomy & crop science	agricultural economics
microbiology	botany/plant biology
biology	marine biology & biological oceanography
engineering	fishing & fisheries sciences/management
soil sciences, other	geological & earth sciences
environmental health	genetics/genomics, human & animal
mathematics/statistics, general	industrial & manufacturing engineering
chemistry	food science