

## RESOURCES

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### Resources

<http://gisgeography.com/agriculture-maps-global-farming/>

Food and Agriculture Organization of the United Nations- AQUASAT- global water information system: <http://www.fao.org/nr/water/aquastat/main/index.stm>

Nat. Geo. Global Water Footprint of Key Crops (+ other resources):

<http://environment.nationalgeographic.com/environment/freshwater/global-water-footprint/>

Interesting point: "Soil water is the limiting factor for photosynthesis"

<http://drought.unl.edu/ranchplan/DroughtBasics/GrassesDrought/SoilMoisturePlantGrowth.aspx>

The Importance of Water in Plants & Crop Agriculture: A Climatic Factor:

<http://www.cropsreview.com/importance-of-water.html> (Some key words- mesophytes, hydrophytes, xerophytes, resurrection plants)

Article: "Plants have unexpected response to climate change" (mentioned downhill movements in relation to water availability and uphill movements in relation to temperature)

<http://www.sciencemag.org/news/2014/08/plants-have-unexpected-response-climate-change>

Water holding capacity of soils activity... see Activity 3 with soda bottle/mayo jar

<http://edis.ifas.ufl.edu/pdf/4h/4H36000.pdf>

Climate & Crop Growth Lesson: <http://nationalgeographic.org/activity/climate-crop-growth/>

Interactive activity- [http://authoring.concord.org/sequences/50/activities/295?show\\_index=true](http://authoring.concord.org/sequences/50/activities/295?show_index=true)

Article: "How do weather and climate influence cropping area and

intensity?" <http://www.sciencedirect.com/science/article/pii/S2211912414000583>

GREAT video from a corn farmer:

[http://www.myamericanfarm.org/videos/video\\_player.php?vurl=AH808\\_corn\\_crop\\_champions\\_HulaFamilyFarm.mp4](http://www.myamericanfarm.org/videos/video_player.php?vurl=AH808_corn_crop_champions_HulaFamilyFarm.mp4) (talks about drip irrigation, etc.)

In-depth Corn Information (Oregon State University):

<http://oregonstate.edu/instruct/css/330/six/index.htm>

Which biomes are able to produce food? <https://www.oxfam.org.au/get-involved/how-schools-can-get-involved/classroom-resources/food-4-thought-2/food-4-thought-geography/worksheet-2-which-biomes-are-able-to-produce-food/>

Agroecological production zones, probable geographic origin of some crops, environmental factors that affect plant growth, crop adaptations (Oregon State University: CSS 330 World

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Food Crops): <http://oregonstate.edu/instruct/css/330/two/>

Home Sweet Biome: How Do Plants Grow in Different Environments? (Science Buddies Experiment):

[http://www.sciencebuddies.org/science-fair-projects/project\\_ideas/EnvSci\\_p046.shtml#procedure](http://www.sciencebuddies.org/science-fair-projects/project_ideas/EnvSci_p046.shtml#procedure)