

ARPL 586B

TOPICAL PAPER (24 points)

The topic for this paper may be drawn from the “List of Possible Topics” that are listed on pages 3-4 or it may be on a topic of your choice. If you would like to write about some other topic that interests you, send me an email about it before you proceed.

Content requirements

To adequately address the topic, your paper must be at least 5-10+ pages long (12-point Times-New Roman, Arial, or Calibri font, double-spaced).

At minimum, your paper must include:

- A detailed description of the topic
- An explanation as to why it is relevant and important to the sustainable development of communities in the U.S.
- A discussion of its general planning, policy and/or development implications¹

Sources and citations

There must be at least two sources for your paper, only one of which may be one of the textbooks. Sources can be websites², book chapters, or journal articles. Sources may include those identified in the “List of Possible Topics” or posted elsewhere in the course.

Any source other than the textbooks must be fully cited and references.

Paper submission

Save and submit your Word file as “Topical paper – *your last name*.”

¹ These can be discussed in general strategic terms with a few examples of policies and programs. For example, as a strategy to cope with rising sea levels you may suggest shoreline development regulations and then perhaps identify raised construction as an example of a possible policy. BE SURE TO MENTION AT LEAST A COUPLE EXAMPLES OF POSSIBLE POLICY OR PROGRAMMATIC RESPONSES.

² Except Wikipedia, which may be used to find sources but not as a source in itself.

POSSIBLE PAPER TOPICS (with informational websites and/or articles)³

Affordable housing - <http://nlihc.org/>

Agenda 21 - <https://sustainabledevelopment.un.org/outcomedocuments/agenda21>

Biophilia - <http://www.pbs.org/wgbh/nova/nature/conversation-eo-wilson.html>

Brownfield development - <https://www.epa.gov/brownfields>

Business Improvement Districts (BID) -

<http://www.gothamgazette.com/index.php/economy/3392-business-improvement-districts>

Business incubators – <https://inbia.org/>

Carbon tax - <http://www.carbontax.org/whats-a-carbon-tax/>

Case studies:

Boulder County - <http://www.bouldercounty.org/env/sustainability/pages/default.aspx>

Burlington, VT - <https://www.burlingtonvt.gov/Sustainability/About-Us>

Madison, WI - <https://www.cityofmadison.com/Sustainability/index.cfm>

Climate change - <https://www3.epa.gov/climatechange/basics/>

Commons (governance) -

<http://library.state.or.us/repository/2012/201208071406022/index.pdf>

Communitarianism - <https://ethicsinpr.wikispaces.com/Communitarianism>

Community greening - <http://digitalcommons.lmu.edu/cate/vol8/iss1/6/>

Complete streets - <http://www.smartgrowthamerica.org/complete-streets>

Eco-industrial park - <https://makinglewes.org/2014/02/25/eco-industrial-parks-and-industrial-ecology/>

Ecological City/EcoCity –

<http://ecocity.ncr.vt.edu/ecocitymovement.html>

<https://www.alexandriava.gov/Eco-City>

Ecological economics - <http://www.isecoeco.org/>

Ecological Footprint - <http://www.sustainablemeasures.com/node/102>

Food systems - <http://growingfoodconnections.org/>

Green architecture/buildings - <http://www.usgbc.org/leed>

Green business - <http://sustainablepittsburgh.org/>

Green neighborhoods - <http://www.usgbc.org/articles/getting-know-leed-neighborhood-development>

Green stormwater infrastructure – <https://www.epa.gov/green-infrastructure/what-green-infrastructure>

Habitat conservation plans - <https://www.fws.gov/endangered/what-we-do/hcp-overview.html>

<https://reginaurbanecology.files.wordpress.com/2013/10/tuguide1.pdf>

Intentional communities - <http://www.ic.org/>

LEED neighborhood design - <https://www.cnu.org/our-projects/leed-neighborhood-development>

Living buildings - <http://www.houzz.com/ideabooks/29375838/list/what-is-a-living-building>

³ In addition to the websites and articles identified here, there may be others that are relevant to a particular topic that were identified in one or more of the course modules.

Living machine - <http://news.psu.edu/story/140601/2000/09/01/research/living-machine>
Mayors Climate Protection Center - <http://www.usmayors.org/climateprotection/revised/>
Micro-enterprise development - <http://www.ioe.org/joe/2015february/a7.php>
New Urbanism - <https://www.cnu.org/>
Pando (Sustainable communities collaborative) - <http://www.pando.sc/>
Resilience - <http://www.resilientdesign.org/>
Scenario building - http://www.fhwa.dot.gov/planning/scenario_and_visualization/scenario_planning/scenario_planning_guidebook/ch01.cfm
Sea Level Rise - <http://sealevel.climatecentral.org/responses/plans>
Self-reliance - <https://ilsr.org/>
Smart Growth - <http://www.smartgrowthamerica.org/#>
Solar energy - <http://www.seia.org/>
STAR communities - <http://www.starcommunities.org/>
Sustainability indicators - <http://www.sustainablemeasures.com/indicators>
Sustainable transportation - <http://www.sustainablecitiesinstitute.org/topics/transportation>
Tactical urbanism – <http://www.treehugger.com/urban-design/tactical-urbanism-official-guide-taking-back-streets.html>
Transition network - <https://www.transitionnetwork.org/support/what-transition-initiative>
Wildlife conservation - <http://www.surrey.ca/city-services/11565.aspx>
Wind power - <http://www.awea.org/>