Thank you for responding to this survey, which has 20 questions that we expect will take 10 minutes to complete. You may skip any question, and if you do answer will be asked for an assessment of your confidence in that ranking on a 1-10 scale (where 1 is least certain, and 10 is the highest possible certainty). You will also be given a free-text field after each group of questions where you can enter any comments, explanations or other considerations. If you are interrupted, you may return to this link with the same browser to complete your responses.

The survey will remain open for 14 days from the time you received the invitation email. The mean response for each item will then be posted on www.apollosurveys.org, along with the individual responses of each participant. If you choose to not have your name shown, your responses will be listed as "Anonymous" on www.apollosurveys.org.

* 1. Would you lik	e your responses to be anonymous?
Anonymous	Show my name
2. Participant Info (v	we will only display this if you choose not to be anonymous)
Full Name	
Institution (typically a university name)	
-	to be invited to a recurring panel of experts for future questions? (Only non
	ndents are eligible)
Yes No	
evidence regarding major important). You may skip that ranking on a 1-10 sc you can enter any comme	isk for your scientific opinion regarding the relative importance and strength of the raspects of the U.S. food system, by ranking the options from 1 to 5 (where 1 is most o any question, and if you do answer will be asked for an assessment of your confidence in ale (where 10 is the highest possible certainty), and also be given a free-text field where ents, explanations or other considerations.
•	ve are the greatest threats to the continued ability of U.S. farmers to ericans and the world, over the next 20-30 years?
≡ Clima	te change (e.g. heat waves, drought and floods, storm intensity)
Resou	arce depletion (e.g. soil degradation, loss of access to irrigation water)
■ Biodi	versity loss (e.g. too few crop varieties, loss of pollinators or other ecosystem function)
≡	omic viability (e.g. labor scarcity, high input costs, low output prices)
■ Gover	rnment regulation (e.g. on land use, crop inputs, & livestock practices)
5. How confident confident)?	are you in your ranking, on a scale of 1 (the least confident) to 10 (the most

6. Any comments? These will be shown with your responses. (Limit to 50 words.)								
7. What do you believe are the greatest threats to the overall wellbeing of Americans caused by how the U.S. food supply is produced, over the next 20-30 years?								
	Harms from greenhouse gas emissions (especially CO2 and methane), loss of carbon sinks							
	Harms from crop chemicals (especially fertilizer runoff, pesticides and herbicides poisoning or residues)							
	Harms from bacteria and antibiotic resistance (including bacteria affecting food safety)							
	Harms from food manufacturing (including added salt & sugar or chemicals in packaging)							
	Harms from animal welfare (considering Americans' interest in both people and animals)							
8. How confident are you in your ranking, on a scale of 1 (the least confident) to 10 (the most confident)?								
9. Any comments? These will be shown with your responses. (Limit to 50 words.)								
The following questions ask for your scientific opinion regarding whether the following changes would improve or worsen various aspects of agriculture and food production in the United States. If you do not have an opinion you may skip the question.								
On balance, for the sustainability of agricultural production over the coming 20-30 years, what do you expect would be the effect of:								
10. A larger fraction of farmland managed with older methods, instead of the latest techniques.								
Greatly	worsen Slightly worsen	O Not alter	Slightly improve	Much improve				
11. A larger fraction of farms being more diversified, defined here as producing more than 3 different crop and livestock species.								
Greatly	worsen Slightly worsen	O Not alter	Slightly improve	Much improve				
12. A larger fraction of food was produced closer to consumers, for example within the same region or state of the U.S.								
Greatly	worsen Slightly worsen	O Not alter	Slightly improve	Much improve				

 A larger fraction USDA organic cert 	-	uced in ways t	nat would meet the r	requirements of		
Greatly worsen	Slightly worsen	O Not alter	Slightly improve	Much improve		
14. How confident	are you in the prev	ious set of ans	wers, on a scale of 1	-10?		
15. Any comments? T	hese will be shown	with your resp	oonses. (Limit to 50 v	vords.)		
The following que	stions comprise	a different s	et.			
On balance, for th would affect all of	9		. 3	9		
16. Using more res	strictive standards t	han we now h	ave to limit subthera	peutic antibiotic use.		
Greatly worsen	Slightly worsen	O Not alter	Slightly improve	Much improve		
17. Using more res	strictive standards t	han we now h	ave to limit use of ge	enetically modified		
Oreatly worsen	Slightly worsen	O Not alter	Slightly improve	Much improve		
18. Using more restrictive standards than we now have to limit use of crop chemicals, including fertilizers, pesticides and herbicides.						
Greatly worsen	Slightly worsen	O Not alter	Slightly improve	Much improve		
19. How confident	are you in the previ	ious set of ans	wers, on a scale of 1	-10?		
20. Any comments? T	hese will be shown	with your resp	oonses. (Limit to 50 v	words.)		