

Section / Topic		Description	Further	Checklist/Meta-data		Author response	Comments
Title	Title	The title must indicate that it is a systematic map protocol, and	The title should	Meta-data		What evidence exists on the effects of public policy interventions for achieving environmentally sustainable food consumption patterns?	
Type of	Type of review	Select one of the following types	See CEE	Meta-data		systematic map	
Authors	Authors contacts	The full names, institutional		Checklist		Yes	
Abstract	Structured summary	Abstract must not exceed 350		Checklist		Yes	
Background	Background	Describe the rationale for the	A theory of	Checklist		Yes	
Stakeholder	Stakeholder engagement	The planned/actual role of		Checklist		Yes	
Objective	Objective	Describe the primary question and Break down and summarise question key elements e.g. population, intervention(s)/exposure(s), comparator(s), and outcome(s).	The primary question types see [4,5]	Checklist		Yes	
	Definitions of the question components			Meta-data		<u>Setting(s)</u> : Any geographic or economic setting <u>Intervention(s)</u> : Public policy interventions implemented by national or sub-national governments or suggested by e.g., researchers, with the explicit aim to achieve more environmentally sustainable food consumption patterns. Policy interventions include regulations, market-based incentives, information schemes, the provision of infrastructure and similar. <u>Outcome(s)</u> : Anticipated or actual change in any type of environmental outcomes of food production,	
Methods	Search strategy		Details	Checklist		Yes	
Searches	Search strategy	Provide Boolean-style full search string and state the platform for which the string is formatted (e.g. Web of Science format)				(((food or meal* or diet or eating) NEAR/2 (purchas* or select* or choice* or reduc* or choose or decision or consum* or intake or behav* or habit*)) or "product select*" or "food products" or menu or "food environment" or "dietary pattern*" or catering or ((beverage* or grocery or groceries or fish or seafood or beef or meat or dairy or milk or vegetable* or legume* or "meat alternative" or "organic food" or "local food") NEAR/2 (consum* or choice* or choose or select* or market or demand* OR reduc*)) AND (policy or policies or legislat* or law* or ((label* or labi* or certifi*) NEAR/2 (food or ecol* or sustainab* or carbon or climate)) or ecolabl* or ecolabel* or eco-labl* or eco-label* or eco-certifi* or guideline* or guidance or incenti* or intervent* or nudg* or subsid* or stimul* or persua* or "voluntary agreement*" or roundtable* or forc* or innovat* or directive* or regulation or regulations or education or ((plate* or serving-size or "serving size") NEAR/1 ration*) or ((carbon or consum* or output or environmental) NEAR/2 (tax* or information or standard* or ban* or prohibit* or limit* or sanction*)) or "green criteria" or "green public procurement" or "public procurement") AND ("climate change" or "climatic change" or "global warming" or "greenhouse gases" or ghg or "greenhouse effect" or "greenhouse gas" or "carbon emission*" or "carbon footprint" or "water footprint" or "land use" or "biodiver*loss*" or ecosystem or overfishing or pollution or "over fishing" or deforest* or (reduction* NEAR/2 emission*) or (environment* NEAR/2 (impact* or consequence* or assess* or evaluat* or indicator* or mitigat*)) or "plant based food" or "plant-based food" or "planetary health diet" or plant-forward or "pro-environmental" or "local food" or "seasonal food" or "eat less" or overconsumption or overeating or flexitarian or vegan or vegetarian or pescetarian or "meat reduction" or "beef reduction" or (sustainab* NEAR/2 (consum* or diet* or food or fisher*))	
	Search string			Meta-data		English	
	Languages – grey	List languages to be used in		Meta-data		English, Swedish, Norwegian, Danish	
	Bibliographic databases	Provide the number of		Meta-data			5
	Web – based search	Provide the number of web –		Meta-data			1
	Organisational websites	Provide the number of		Meta-data			28
	Estimating the	Describe the process by which the		Checklist		Yes	
	Search update	Describe any plans to update the	Optional. A	Checklist		n/a	
Article	Screening strategy	Describe the methodology for		Checklist		Yes	
	Consistency checking	Describe clearly the process for		Checklist		Yes	
	Inclusion criteria	Describe the inclusion criteria used		Checklist		Yes	
	Reasons for exclusion	State that you will provide a list of		Checklist		Yes	
Critical	Critical appraisal strategy	Describe here the method you	Optional	Checklist		Yes	
		Describe how the information from critical appraisal will be used in synthesis.	Optional				
	Critical appraisal used in synthesis			Checklist		No	
	Consistency checking	Describe how repeatability of	Optional	Checklist		No	
Data	Meta-data extraction	Describe the method for meta-		Checklist		Yes	
Data	Narrative synthesis	Describe methods to be used for	Vote-	Checklist		Yes	
	Knowledge gap and	Describe the methods to be used		Checklist		Yes	
	Demonstrating	Describe the role of systematic	Reviewers	Checklist		Yes	
Declaratio	Competing interests	Describe of any financial or non-		Checklist		Yes	

Referenc

- [1] James, K.L., Randall, N.P. and Haddaway, N.R., 2016. A methodology for systematic mapping in environmental sciences. *Environmental Evidence*, 5(1), p.7.
- [2] Bayliss, H.R., Haddaway, N.R., Eales, J., Frampton, G.K. and James, K.L., 2016. Updating and amending systematic reviews and systematic maps in environmental management. *Environmental Evidence*, 5(1), p.20.
- [3] Haddaway, N.R., Kohl, C., da Silva, N.R., Schiemann, J., Spök, A., Stewart, R., Sweet, J.B. and Wilhelm, R., 2017. A framework for stakeholder engagement during systematic reviews and maps in environmental management. *Environmental Evidence*, 6 (1), p.11.
- [4] Collaboration for Environmental Evidence. 2018. Guidelines and Standards for Evidence synthesis in Environmental Management. Version 5.0. www.environmentalevidence.org/information-for-authors.
- [5] Leeds Institute of Health Sciences. https://medhealth.leeds.ac.uk/info/639/information_specialists/1500/search_concept_tools. Accessed 12/11/2017.