



Expert consultancy - Perception risk for introduction invasive Aedes species - PhD Wageningen University

Surname and name (not obligatory):	Gender:
Organization (not obligatory):	Age:
Country:	Region:

Knowledge This questions will evaluate the knowledge of the participant about the pathways for introduction of invasive mosquito species (IMS).

Please circle the correct answer.

In Europe, the IMS Ae. albopictus and Ae. aegypti, have been found associated with the import of used tires	Yes Don't know No
In Europe, Ae. koreicus has been found associated with the import of Lucky bamboo (Dracaena) plants	Yes Don't know No
Eggs of Ae. aegypti are better capable to survive winters than eggs of Ae. albopictus in Northern Europe	Yes Don't know No
In USA, introduction of Ae. albopictus has not been associated with import of used tires from Asia	Yes Don't know No
In Europe, there is evidence of Ae. albopictus passive transport with ground road traffic	Yes Don't know No
Transport of desiccation resistant eggs is one of the main mechanisms for introduction of Ae. albopictus in Northern Europe	Yes Don't know No
In Europe, there is evidence of Ae. albopictus passive transport inside aircrafts	Yes Don't know No
Ae. japonicus dispersal in Europe is mainly facilitated by import of Lucky bamboo (Dracaena) plants	Yes Don't know No
Ae. albopictus populations are well established in Denmark, and introduction has been found associated with import of used tires from Asia	Yes Don't know No

Severity This questions will evaluate perceived seriousness of introductions of IMS in your country/region.

Please circle a score from 1 to 5 whereby: 1 = don't agree at all, 2 = don't agree, 3 = neither agree nor disagree, <math>4 = agree, 5 = fully agree.

Introduction of Aedes albopictus in my country /region can lead to irreversible establishment and dispersal of this vector species	1	2	3	4	5	
Introduction and establishment of invasive Aedes species in my country/region cannot lead to an increase in the probability for transmission of vector-	1	2	3	4	5	
borne diseases						
Despite the surveillance and control measures, unnoticed introductions of Aedes invasive species in my country/region can pose a risk for human and	1	2	3	4	5	
veterinary health						
I think that introduction and spread of invasive Aedes species is not really a serious problem in Europe	1	2	3	4	5	

Vulnerability This questions will evaluate the perceived vulnerability of your country/region for introduction of IMS with different known pathways.

Please circle a score from 1 to 5 whereby: 1 = don't agree at all, 2 = don't agree, 3 = neither agree nor disagree, <math>4 = agree, 5 = fully agree.

The chance of introduction of Aedes invasive species in my country/region with import of used tires is rather large	1 2 3 4 5
The chance of introduction of Aedes invasive species in my country /region with import of lucky bamboo is rather large	1 2 3 4 5
The chance of introduction of Aedes invasive species in my country/region with passive ground transport is rather large	1 2 3 4 5
The chance of introduction of Aedes invasive species in my country/region with passive transport with maritime ferry traffic is rather large	1 2 3 4 5
The chance of introduction of Aedes invasive species in my country/region with passive transport inside aircrafts is rather large	1 2 3 4 5
The chance of introduction of Aedes invasive species in my country/region via natural dispersal from neighbouring regions is rather large	1 2 3 4 5





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Response-efficacy These questions will evaluate the perceived efficacy of the surveillance and control measures for IMS introductions in your country/region.

Please circle a score from 1 to 5 whereby: 1 = don't agree at all, 2 = don't agree, 3 = neither agree nor disagree, <math>4 = agree, 5 = fully agree.

Invasive Aedes species surveillance and control measures implemented in my country/region leads to:	
Accurate evaluation of potential introduction locations for <i>Aedes</i> species	1 2 3 4 5
• Early detection of invasive <i>Aedes</i> species at the locations	1 2 3 4 5
Certainty about the invasive Aedes species present in the country	1 2 3 4 5
Early elimination of newly detected foci	1 2 3 4 5

Action tendencies These questions will evaluate the action tendencies/attitudes regarding implementation of IMS surveillance and control measures in your country/region.

Please circle a score from 1 to 5 whereby: 1 = don't agree at all, 2 = don't agree, 3 = neither agree nor disagree, <math>4 = agree, 5 = fully agree.

To what extent do you agree that IMS surveillance needs to be implemented in all countries/regions of Europe?	1 2 3 4 5
To what extent do you agree that invasive Aedes species needs to be controlled?	1 2 3 4 5
To what extent do you agree that invasive Aedes species needs to be eradicated in Europe?	1 2 3 4 5
To what extent do you agree funds need to be invested in surveillance and control of invasive Aedes species?	1 2 3 4 5
To what extent do you agree funds need to be invested in management for preventing introductions of IMS in risk locations?	1 2 3 4 5
To what extent do you agree that common EU legislation should be put in place to allow biological control products (e.g. Bti) in your country?	1 2 3 4 5

Constraints These questions will evaluate the perceived constraints with respect to implementation of IMS surveillance in your country/region.

Please circle a score from 1 to 5 whereby: 1 = don't agree at all, 2 = don't agree, 3 = neither agree nor disagree, <math>4 = agree, 5 = fully agree.

In my country/region, adequate surveillance of invasive Aedes species will be difficult to implement because:	
Lack of interest of the governmental organizations	1 2 3 4 5
Lack of budget	1 2 3 4 5
Lack of perception of risk of introductions	1 2 3 4 5
Lack of organized vector surveillance teams	1 2 3 4 5
Other: Lack of	1 2 3 4 5

Introduction pathways	General comments (any comment is welcome)
Apart of the above mentioned possible pathways for introduction of invasive Aedes species,	
other potential pathways for introduction could exist and never been reported. Please, indicate	
at least one pathway in your region/country:	