



## NOTIFICATION TO THE PARTIES

No. 2019/046

Geneva, 17 August 2019

CONCERNING:

### Programming codes in the ETIS analysis and PIKE trend analysis for CoP18

1. At the 69th meeting of the Standing Committee (SC69, Geneva, November 2017), the Standing Committee adopted the following concerning the ETIS analysis programming code [SC69 Sum. 10 (Rev. 1)]:

*Contingent on the provision of external funding, Standing Committee requested TRAFFIC to:*

a) *Make available the programming code in the ETIS analysis through a repository hosting service, together with appropriate annotations and supporting documentation. This will be augmented with links to existing documents explaining the methods used in the analyses.*

b) *.....*

2. The Secretariat and TRAFFIC are pleased to make available the programming code for the ETIS analysis reported in document CoP18 Doc. 69.3 (Rev. 1), Annex 1.

a) The ETIS code can be found in the GitHub repository ETIS\_CITESReporting\_RCode at:

[www.github.com/fmunderwood/ETIS\\_CITESReporting\\_RCode](http://www.github.com/fmunderwood/ETIS_CITESReporting_RCode)

b) This repository has been given a DOI (Digital Object Identifier) so that the code can be properly cited in future. The information concerning the DOI is found in the following citation file:

[https://github.com/fmunderwood/ETIS\\_CITESReporting\\_RCode/blob/master/Citation.md](https://github.com/fmunderwood/ETIS_CITESReporting_RCode/blob/master/Citation.md)

c) The code used in the CoP18 ETIS analysis has been released under version v.CoP18 of the repository:

[https://github.com/fmunderwood/ETIS\\_CITESReporting\\_RCode/tree/v.CoP18](https://github.com/fmunderwood/ETIS_CITESReporting_RCode/tree/v.CoP18)

d) Version v.CoP18 contains detailed downloadable notes, in a PDF document (Notes\_CoP18.pdf), describing how the R scripts combine together for this analysis. The document also includes expanded accounts of the other descriptive files in this version of the repository:

[https://github.com/fmunderwood/ETIS\\_CITESReporting\\_RCode/blob/v.CoP18/Notes\\_CoP18.pdf](https://github.com/fmunderwood/ETIS_CITESReporting_RCode/blob/v.CoP18/Notes_CoP18.pdf)

3. The Secretariat is also pleased to report that the MIKE analytical method, and more specifically the programming code and description of its use for the PIKE trend analysis reported in document CoP18 Doc. 69.2 and its Addendum, is publicly available and can be accessed in the GitHub repository at:

<https://github.com/CITES-MIKE/MIKE-LSMEANS>

4. The Secretariat is of the view that the release of the programming codes and descriptions for both monitoring systems established under Resolution Conf. 10.10 (Rev. CoP17) will enhance transparency and strengthen the ability of the Standing Committee to supervise these systems.
5. The Secretariat and TRAFFIC wish to express their appreciation to the Governments of Belgium and the Netherlands, and the European Union, in supporting the work undertaken to make the codes behind the ETIS analyses and PIKE trend analysis publicly available for the first time.