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## NEOH UPDATES, DECEMBER 2017

- **NEOH CONSORTIUM:**

- We have now over 230 NEOH members and associates from a wide range of countries; the consortium list can be found on Alfresco:  
<https://team.swisstph.ch/page/site/neh/documentlibrary?file=NEOH%20consortium%20list#filter=path%7C%2FConsortium%20list>
- The current number of COST partner countries in NEOH is 24. Dr Gabor Foldvari has replaced Dr Andras Lakos as MC member for Hungary. You can always find the official list of partner countries and the management committee members on the COST website:  
[http://www.cost.eu/COST\\_Actions/tdp/TD1404?parties](http://www.cost.eu/COST_Actions/tdp/TD1404?parties)
- MC observers:
  - Uffe Braae from Ross University School of Veterinary Medicine, St Kitts have been accepted as a new MC observer

- **NEOH WG UPDATES:**

- **WG1: HANDBOOK DEVELOPMENT**

- Most chapters of the handbook are **in external review**, the current versions are available on Alfresco:
  - Chapter 1: Current state of evaluation in One Health  
(<https://team.swisstph.ch/s/Lui47iO0S2ykBxWd2EycqW>)
  - Chapter 2: Health Solutions : Theoretical foundations of the shift from sectoral to integrated systems ([https://team.swisstph.ch/s/ODRbqD\\_JSqK20LAF9IEfCg](https://team.swisstph.ch/s/ODRbqD_JSqK20LAF9IEfCg))
  - Chapter 3: A One Health Evaluation Framework (not yet finished, parts are under review in Frontiers research topic, see below)
  - Chapter 4: Assessing the social sustainability of One-Health Initiatives (not yet finished)
  - Chapter 5: The Ecological Dimension of One Health  
(<https://team.swisstph.ch/s/KWozoRrqSyOSHeNwoaw7jg>)
  - Chapter 6: Economic Evaluations  
(<https://team.swisstph.ch/s/OswLfkHEQAaCgMY6wh3yWQ>)
  - Chapter 7: Knowledge integration in One Health governance (under review at the WHO Bulletin)
- The following chapters (or parts thereof) are also **published as open access manuscripts**
  - Chapter 2: Roadmap to a One Health agenda 2030  
(<https://www.cabi.org/cabreviews/review/20173134856>)
  - Chapter 3:
    - Blueprint for Evaluation of One Health  
(<https://www.frontiersin.org/articles/10.3389/fpubh.2017.00020/full>)

- Framework to Define Structure and Boundaries of Complex Health Intervention Systems: The ALERT Project (<https://www.frontiersin.org/articles/10.3389/fpubh.2017.00182/full>)
- A systems approach to evaluate One Health initiatives (under review, <https://www.frontiersin.org/research-topics/5479>)
  - Chapter 7: Towards the implementation of One Health by using knowledge in the entire policy cycle (under review at the WHO Bulletin)
    - We are currently **looking into options for publishing a print on demand version** with an electronic supplemental repository. The aim is to publish by the end of NEOH, or preferably for the final action conference.
    - A complementary project funded by the Swiss Secretariat for Education and Innovation (SERI) is currently validating the evaluation framework. So far, experiences from other fields in which transdisciplinarity is applied have been collected in a workshop in Zurich and cases studies for the validation of the framework were identified within the International Society for Disease Surveillance (ISDS). The project staff is now conducting field work to assess the utility of the framework.
- **WG2: CASE STUDIES**
  - One-Healthness was evaluated (i.e. application of the handbook) in all case studies until June 2017 and feedback provided to WG1
  - A Frontiers research topic dedicated to the NEOH Framework and the case studies supplemented with other work on framing One Health and Ecohealth is being edited (<https://www.frontiersin.org/research-topics/5479>). Eight case studies are submitted, three have been accepted, and 5 are under review.
  - Applications for publishing fees were submitted to Helen O'Shea, Editorial Board Leader, for all the publications submitted for the Frontiers Special issue
  - During November 2017 short narrative files were put together and shared with WG3 for the work on the meta-analysis
- **WG3: LITERATURE REVIEW**
  - A dedicated and active WG3 meeting was held in Skopje, Macedonia, in September (see below)
  - The NEOH evaluation protocol was discussed and a condensed version was elaborated to gather data in a literature review
  - This condensed version is being pilot tested by the WG3 leader, Vladimir Grosbois
  - In January 2018, several WG3 members will spend a week or more in Montpellier, France, in a series of STMs to work jointly on this literature review and meta-analysis
  - Volunteers are needed to help with the literature review
- **WG4: ENGAGEMENT AND DISSEMINATION**
  - The NEOH brochure has been completed and hard copies have been sent out to a representative in each COST member country for dissemination. The e-Version can be downloaded from the NEOH website under "Resources".
  - A new webmaster, Laura Craighead, has been identified, as Iona Edmonstone had to step down from her role. A big thank you to Iona for all her efficient and reliable work all that time!

- A Macedonian video production company has been hired to produce a trial video for NEOH, which has been done and can be watched here: <https://www.youtube.com/watch?v=9ZwgiLw8OAOQ&feature=youtu.be>. The plan is to interview members during the Murcia meeting to produce a video for release next year to disseminate outputs and encourage uptake.

#### PAST AND NEXT NEOH MEETINGS:

- MC meeting 7, June 15th, via Skype – minutes on Alfresco
- Workshop on Transdisciplinary Research Evaluation: from Methodological Challenges to Indicator Definition, June 22<sup>nd</sup>-23<sup>rd</sup>, Zurich. A description of the activities as well as links to the programme and presentations are available on the NEOH website, at <http://neoh.onehealthglobal.net/events/workshops/>
- Conference Attendance for Action Dissemination Purposes, June 27<sup>th</sup>-29<sup>th</sup>, Bonn: Martha Betson (with co-authors Josipa Habus, Nenad Turk, Sara Savic, Simon Ruegg & Barbara Haesler) gave an oral presentation on “Network for Evaluation of One Health”
- Working Group 3, September 25<sup>th</sup>-27<sup>th</sup>, Skopje, Macedonia. The details can be found on the NEOH website, at <http://neoh.onehealthglobal.net/events/workshops/>
- Training School, September 13<sup>th</sup>-15<sup>th</sup>, Sarajevo, Bosnia and Herzegovina. Details of the training school and a summary are available at <http://neoh.onehealthglobal.net/training-schools/>
- MC Meeting, February 9<sup>th</sup> 2018, Murcia
- Final Action Conference in Bologna, Italy, 10-12 September 2018. NEOH, the Belgian Community of Practice Biodiversity and Health, and the Department of Agricultural and Food Sciences (DISTAL) of the University of Bologna are organising a conference on **“Creating impact for One Health and Ecohealth: advancements in implementation, evaluation and governance”**.

#### • DISSEMINATION: CONFERENCES AND PUBLICATIONS

- **Upcoming Conferences:**
  - ESOF 2018, 9-14 July 2018, Toulouse, France. Interactive Round Table coordinated by NEOH (representative Massimo Canali) in collaboration with various other COST Actions: **“One Health, for systems-based, integrative approaches to sustainable public health”**
  - The University of Bonn will be hosting a conference in September 2018 called **“One Health and Food Safety”**, updates will be available on the EQAsce new Facebook page @EQAsceInternational
- **Meeting Participation:**
  - Maurizio Aragrande and Manuela Vilhena participated in **“Water for Food and Agriculture in the Mediterranean Area”**, a COST connect event that aimed to connect COST researchers in order to identify opportunities for new research collaborations. More information and presentations can be found on the COST website at <http://www.cost.eu/events/cost-connect-water>
  - Sara Savic participated in the **COST leadership workshop** on 22<sup>nd</sup> September, which aims to empower researchers from Inclusiveness Target Countries and young researchers to take on leadership positions.



## Network for Evaluation of One Health



- Daniele De Meneghi and various other NEOH members participated in the **Uppsala Health Summit** and shared the NEOH approach with colleagues in the workshops. More information about the meeting including presentations can be found at <http://www.uppsalahealthsummit.se/our-summits/tackling-infectious-disease-threats-with-a-one-health-approach-2017/>
- Gad Baneth organised and presented at a conference at Koret School of Veterinary Medicine in Israel called “One Health: Man, Agriculture and Environment”
- Julie Garnier presented a poster about One Health interventions in Zimbabwe at the “**European Conference on Biodiversity and Climate Change**” conference in Bonn, June 2017, <https://www.ecbcc2017.com/>. Moreover, Hans Keune was a chair of one of the sessions and actively promoted NEOH.
- John Berezowski taught the course “Introduction to Syndromic Surveillance” at **CENSA** (National Centre for Animal and Plant Health) in Mayabeque Cuba and also gave a presentation titled “Expected Benefits and Strengths of One Health Surveillance”. Information available at <http://www.censa.edu.cu/index.php/2017/11/10/curso-taller-una-salud/?lang=en>
- NEOH was represented at **EurNegVec** (European Network for Neglected Vectors and Vector-Borne Infections, <http://www.eurnegvec.org/>), in Crete, where Daniele De Meneghi presented a poster; Sara Savic was also in attendance.
- At the One Health initiative “**Simposio: Una Salud para el logro del desarrollo sostenible**” Daniele de Meneghi gave two presentations titled “First results from the joint NEOH and EURNEGVEC European survey to explore the collaboration between human, animal and environmental health sectors in EU COST member countries, associated and NNCs” and “One Health approach in development cooperation projects - use of acaricides to control ticks in Africa: implications in public health & environmental health”
- A round table on the topic of “OneOmics” was organised by Paola Roncada at the “**European/World annual congress of Proteomics**”. Further information at <http://hupo2017.ie/one-health-one-omics-workshop/>
- A proposal has been accepted for an interactive round table format presentation titled “**One Health, for systems-based, integrative approaches to sustainable public health**” at **ESOF 2018** (<https://www.esof.eu/en/programme/science-programme.html>) to be moderated by Massimo Canali with multiple speakers from various COST Actions.
- Kelvin Momanyi presented the paper titled “A Blueprint to Evaluate One Health” at **Zoonotic and Emerging Diseases group journal club** in Nairobi.
- Karin Artursson delivered a presentation titled “Communicating One Health to the Public” at the **MedVetNet** meeting at Surrey University, more information at <http://mvnassociation.org/medvetnet/index.php/news/171-5th-international-scientific-conference-on-one-health-zoonoses-emerging-threats-med-vet-net-2017>
- At the **11<sup>th</sup> TAWIRI** (Tanzania Wildlife Institute, <http://tawiri.or.tz/>) Kelvin Momanyi presented a NEOH case study from Kenya titled “Evaluation of the implementation of One Health in Kenya: A case study of the Zoonotic Disease Unit”



## Network for Evaluation of One Health



- Branko Velebit and Serbian colleagues hosted the “**59th International Meat Industry Conference (Meatcon2017): Better Food - Better Life**”, which was held in Mt. Zlatibor (Serbia) on October 1-4
- Cecile Aenishaenslin submitted an abstract to **ESCAIDE (European Scientific Conference on Applied Infectious Disease Epidemiology)**, held on 6-8 November 2017 in Sweden, more information at <https://www.escaide.eu/en>. She was accepted for an oral presentation, titled “A consolidated framework to understand and measure the added value of One Health surveillance for antimicrobial resistance based on the Canadian experience”
- Barbara Haesler gave a talk on NEOH at the Chatham House Roundtable meeting **One Health: Developing Indicators to Monitor Progress towards Implementation**, 16 November 2017. Various other NEOH members were also at the meeting.
- Several institutions and partners celebrated the International One Health Day with events. For a map of events, check the One Health Commission website: [https://www.onehealthcommission.org/en/eventscalendar/one\\_health\\_day/event\\_listing\\_2017/](https://www.onehealthcommission.org/en/eventscalendar/one_health_day/event_listing_2017/)
- **Publications:**
  - The report from the USAID Emerging Pandemic Threats PREDICT project and World Bank workshop “**Prevent, Prepare and Respond: Economics of One Health to Confront Disease Threats**” is now available online at [https://www.ecohealthalliance.org/wp-content/uploads/2017/10/Prevent-Prepare-and-Respond-Economics-of-One-Health-to-Confront-Disease-Threats\\_Workshop-Report.pdf](https://www.ecohealthalliance.org/wp-content/uploads/2017/10/Prevent-Prepare-and-Respond-Economics-of-One-Health-to-Confront-Disease-Threats_Workshop-Report.pdf). This report was contributed to by Simon Ruegg, Mieghan Bruce, and Marisa Peyre who attended the conference in January in Washington.
  - In relation to the same workshop, a commentary was published on “**One Health Economics to confront disease threats**” by Machalaba et al (including Ruegg, Bruce and Peyre), *Trans R Soc Trop Med Hyg* 2017; 111: 235–237 doi:10.1093/trstmh/trx039
  - The **European OneHealth/EcoHealth Workshop** report, from the workshop which took place in October 2016, is available online at [http://neoh.onehealthglobal.net/wp-content/uploads/sites/2/2015/01/Biodiversity-Health-1-page-view\\_compressed.pdf](http://neoh.onehealthglobal.net/wp-content/uploads/sites/2/2015/01/Biodiversity-Health-1-page-view_compressed.pdf)
  - As an outcome from the same workshop, a publication entitled “**The need for European OneHealth/EcoHealth networks**” was published in *Archives of Public Health* by Hans Keune, Lucette Flandroy, Severine Thys, Nick De Regge, Marcella Mori, Nicolas Antoine-Moussiaux, Maarten Vanhove, Javiera Rebolledo, Steven Van Gucht, Isra Deblauwe, Wim Hiemstra, Barbara Haesler, Aurelie Binot, Sara Savic, Simon Ruegg, Sjerp De Vries, Julie Garnier, and Thierry van der Berg. Available at <https://archpublichealth.biomedcentral.com/articles/10.1186/s13690-017-0232-6>
  - The Frontiers Research Topic on the NEOH case studies has published the paper “**Framework to define structure and boundaries of complex health intervention systems: The ALERT Project**” in *Frontiers in Public Health* in July. The authors are Elena Boriani, Roberto Esposito, Chiara Frazzoli, Peter Fantke, Tine Hald, and Simon Ruegg. Available at <https://www.frontiersin.org/articles/10.3389/fpubh.2017.00182/full>
  - The Frontiers Research Topic on the NEOH case studies has published the paper “**The Degree of One Health Implementation in the West Nile Virus Integrated Surveillance**”

in Northern Italy, 2016” in *Frontiers in Public Health* in July. The authors are Giulia Paternoster, Laura Tomassone, Marco Tamba, Mario Chiari, Antonio Lavazza, Mauro Piazzi, Anna R. Favretto, Giacomo Balduzzi, Alessandra Pautasso, and Barbara R. Vogler. Available at <https://www.frontiersin.org/articles/10.3389/fpubh.2017.00236/full>

- “Roadmap to a One Health Agenda 2030” was published in *CAB reviews*, authors: Queenan, K., Garnier, J., Nielsen, L. R., Buttigieg, S., Meneghi, D. de, Holmberg, M., Zinsstag, J., Rüegg, S., Häslar, B., Kock, R. Available at <https://www.cabi.org/CABReviews/abstract/20173134856>. It received recently a special mention in the *CAB Global Health News*

○ **Manuscripts:**

- A policy and practice paper with the title **Knowledge integration in One Health governance** by Hitziger et al is under review at the *WHO Bulletin*.
- John Rossen and Jacob Moran-Gilard are looking for contributions for the **Frontiers in Microbiology** research topic “Advanced Microbiological Diagnostics for Infections Across the One Health”
- Please remember the **COST Guidelines** for the dissemination of COST Action results and outcomes, available at <http://www.cost.eu/media/dissemination-corporate-identity>. COST must **orally be acknowledged during all news media interviews, conferences and events where COST Action representatives give a public presentation or participate to a session or panel. Please make sure that you acknowledge COST when you represent NEOH at conferences!** Concerning scientific publications, the guidelines stress the importance of including the following **standard acknowledgement**: “This article is based upon work from COST Action (name and/or initials), supported by COST (European Cooperation in Science and Technology)”. **Please make sure to add this to your NEOH publications!**

● **NEOH STSMs:**

- The 11<sup>th</sup> call for STSMs has now closed and the 12<sup>th</sup> call for STSMs will be published shortly. There have been several applicants:
  - Julie Garnier was successful and will spend 5 days at the Royal Veterinary College in February 2018 to work with Richard Kock
  - Patricia Poeta was successful and will spend 5 days in January in Bologna, Italy, where she will work on an Application of system and interdisciplinary approach to Antimicrobial Drug Resistance in Portugal
  - Marie McIntyre – under review
  - Mijalche Santa – under review
  - In January 2018, several WG3 members will spend a week or more in Montpellier, France, in a series of STMs to work jointly on this literature review and meta-analysis. Applications are being prepared/submitted.
- The following people have completed STSMs and the reports are available on the NEOH website, at <http://neoh.onehealthglobal.net/short-term-scientific-missions/> :
  - Mieghan Bruce was hosted by Ledia Agolli at the Southeast European Center for Surveillance and Control of Infectious Diseases in April 2017



- **NEWS FROM COST:**

- Cost has established a **network of communicators**, joining from NEOH are Marilena Filippitzi (Belgium) and Brigitte Petersen (Germany).
- The **COST Vademecum** was updated in November 2017, the most recent version can be found at <http://www.cost.eu/participate> As stated in the Vademecum the changes in this version (4.1) are:
  - 1. Adding of "ITC" definition and list of country in the explanation of the terms
  - 2. Minor text adjustments in sections 1.1.2, 4.1.3, 7.4
  - 3. Introduction of electronic signature for the Financial Reports (see section 2.2.3)
  - 4. Update of the section 8.4 in case where the Conference Grant concerns the Chair of the Action
  - 5. Clarification of the rules for dealing with expenses made in the framework of dissemination of your COST Action results and outcomes in the framework of Open Access (section 9.4.5 and 9.4.6)

- **THE FUTURE OF THE NEOH COMMUNITY**

- Following up from a decision made at the NEOH meeting in Malta, a new dedicated group has formed that discusses how to take NEOH into the next phase and how to establish a sustainable network. One of the aims is to make this a joint effort between OH and Ecohealth communities. The group is led by John Berezowski from the VPH Institute in Bern, Switzerland, and has currently about 20 members. If you would like to join, please do get in touch with John.

- **NEOH WEBSITE:** Provides all relevant information on NEOH activities, news, events, etc.;

- The maintenance of the website has been taken over by Laura Craighead, thank you to Iona for her work on it to date
- **Please don't forget to send your One Health and/or evaluation news to Laura Craighead and subscribe to our news section if you haven't done so yet (at the bottom of each NEOH webpage)**

Thank you for reading!