

PRESENTATIONS

Plenary talks and invited seminars are highlighted in grey. Updated 15 March 2018.

1. Hay, S.I. (2018). *Mapping child growth failure in Africa between 2000 and 2015*. Department of Nutrition for Health and Development. World Health Organization. Geneva, Switzerland. 12 March 2018.
2. Hay, S.I. (2017). *Global Burden of Disease – AMR Study*. Fleming Fund – Delivery Partners Event. Wellcome Trust. London, United Kingdom. 27 November 2017.
3. Hay, S.I. (2017). *Geospatial Analysis*. Global Burden of Disease Independent Advisory Committee. Delhi, India. 16 November 2017.
4. Hay, S.I. (2017). *Global Pandemic Disease Preparedness and Response*. Department of Global Health External Advisory Board Meeting, University of Washington. Seattle, Washington. 06 November 2017.
5. Hay, S.I. (2017). *Methodologies and data: Current IHME approaches and applicability to China, with examples of geospatial work*. Presented to the Chinese Center for Disease Control TB group. Beijing, China. 28 July 2017.
6. Hay, S.I. (2017). *Child growth failure, and Geospatial work at IHME*. Presented at the National Institute for Nutrition and Health. Beijing, China. 25 July 2017.
7. Hay, S.I. (2017). *An overview of Geospatial work at IHME*. Presented at the Chinese Center for Disease Control and Prevention. Beijing, China. 24 July 2017.
8. Hay, S.I. (2017). *Geospatial mapping updates*. Briefing to Bill Gates, founding trustee of the Bill & Melinda Gates Foundation. bgC3 Board Room, Kirkland, WA U.S.A. 25 May 2017.
9. Hay, S.I. (2017) UNAIDS Reference Group on Estimates, Modelling and Projections. Invited meeting participant. Joint United Nations Programme on HIV/AIDS (UNAIDS) Headquarters. Geneva, Switzerland. 16 – 17 May 2017.
10. Hay, S.I. (2017) *Why This is the Most Exciting Time in Medicine*. Invited speaker. The UW Medicine Campaign Experience. Home of Tom and Sue Ellison. Mercer Island, WA U.S.A. 26 April 2017.
11. Hay, S.I. (2017). “Infectious diseases and geospatial overview.” Discussion moderator. Sanofi – Doctor Evidence (DRE) meeting. Institute for Health Metrics and Evaluation. Seattle, WA U.S.A. 4 April 2017.
12. Hay, S.I. (2017) “The importance of data in driving health priorities.” Panel discussion participant. Better Health Through Better Data. Institute for Health Metrics and Evaluation. Seattle, WA U.S.A. 23 March 2017.
13. Hay, S.I. (2017). *A deep dive into the methods underlying model-based geostatistics and their application*. Presentation. Global Infectious Disease Seminar series. Center for Infectious Diseases. Seattle, WA U.S.A. 20 March 2017.
14. Hay, S.I. (2017). *A deep dive into the methods underlying model-based geostatistics and their application*. Presentation. Center for Inference and Dynamics of Infectious Diseases. Fred Hutchinson Research Center. Seattle, WA U.S.A. 17 March 2017.

15. Hay, S.I. (2017). *Malaria mortality: toward consistent estimates*. Session Chair. Reference Group on Health Statistics: Advice to WHO on monitoring the mortality and other health-related SDGs. World Health Organization, Department of Information, Evidence and Research. Geneva, Switzerland. 14 March 2017.
16. Hay, S.I. (2017). *Global Health: Next Decade, Next Generation*. University of Washington Department of Global Health 10th Anniversary Symposium. "Pandemic Disease Preparedness and Response." Panel participant. HUB Ballroom, University of Washington. Seattle, WA U.S.A. 8 February 2017.
17. Hay, S.I. (2017). *Natural Disasters, Extreme Weather, and Health Shocks*. Presentation given to Swiss RE via Skype. Swiss RE Management (US) Corporation. Washington, DC U.S.A. 17 January 2017.
18. Hay, S.I. (2016). *Opportunities for big data in disease mapping*. Plenary at the Machines, Mosquitoes, Models, and Maps: S&T Innovations for Global Pathogen Discovery and Risk Prediction seminar, hosted by the Pandemic Prediction Working Group of the National Science and Technology Council. White House Conference Center. Washington, D.C., U.S.A. 12 December 2016.
19. Hay, S.I. (2016) *The Global Burden of Disease Study: An opportunity to strengthen provincial health evidence in Indonesia*. Lecture. School of Public Health, University of Indonesia. Depok, Indonesia. 9 December 2016.
20. Hay, S.I. (2016) *The Global Burden of Disease Study: An opportunity to strengthen provincial health evidence in Indonesia*. Lecture. Eykmann Institute. Jakarta, Indonesia. 9 December 2016.
21. Hay, S.I. (2016) *The Global Burden of Disease Study: An opportunity to strengthen provincial health evidence in Indonesia*. Lecture. School of Public Health, Airlangga University. Surabaya, Indonesia. 8 December 2016.
22. Hay, S.I. (2016) *The Global Burden of Disease Study: An opportunity to strengthen provincial health evidence in Indonesia*. Lecture. Workshop Revitalisasi Jejaring Penelitian Dan Pengembangan Kesehatan Nasional. Kementerian Kesehatan Republic Indonesia. Yogyakarta, Indonesia. 6 December 2016.
23. Hay, S.I. (2016). *Modelling pandemic preparedness: an Ebola case study*. PRISM event. School of Public Health, University of Washington, U.S.A. 17 November 2016.
24. Hay, S.I. (2016). *Mapping under-5 mortality across Africa*. An update for UNICEF EQUIST team. UNICEF, New York, U.S.A. 26 May 2016.
25. Hay, S.I. (2016). *Geospatial mapping updates*. Briefing to Bill Gates, founding trustee of the Bill & Melinda Gates Foundation. bgC3 Board Room, Kirkland, Washington, U.S.A. 16 May 2016.
26. Hay, S.I. (2016). *Opportunities for the use of Big Data in disease mapping*. National Academies of Sciences, Engineering, and Medicine workshop on Big Data and analytics for infectious disease research, operations, and policy. Pan American Health Organization, Washington D.C., U.S.A. 10 May 2016.
27. Hay, S.I. (2016). *Forty years of global health: past, present and future*. Panel discussion to celebrate the fortieth anniversary of the Center for Infectious Disease Research. Town Hall Seattle, Washington, U.S.A. 26 April 2016.
28. Hay, S.I. (2016). *Geospatial analysis portfolio update*. Presentation to the Independent Advisory Committee (IAC) of the Global Burden of Disease project of the Institute for Health Metrics and Evaluation. IHME, Seattle, Washington, U.S.A. 21 April 2016.

29. Hay, S.I. (2016). *Geospatial analysis portfolio update*. Presentation to the Institute for Health Metrics and Evaluation's Scientific Oversight Group. IHME, Seattle, Washington, U.S.A. 20 April 2016.
30. Hay, S.I. (2016). *Mapping under-5 mortality across Africa*. An update for UNICEF EQUIST team. Institute for Health Metrics and Evaluation, Seattle, Washington, U.S.A. 18 April 2016.
31. Hay, S.I. (2016). *Recommendations on subnational data and geospatial analysis*. WHO Reference Group on Health Statistics (RGHS). Salle A, World Health Organization, Geneva. 15 March 2016.
32. Hay, S.I. (2016). *Workshop objectives and overview*. Ebola Risk Preparedness Planning Workshop. Accra, Ghana. 25 February 2016.
33. Hay, S.I. (2016). *Mapping global environmental suitability for Zika virus*. Invited presentation to the Scientific Advisory Group on Emergencies (SAGE), for Zika (Department of Health, U.K.). Remote participation. 23 February 2016.
34. Hay, S.I. (2016). *Rapid update on Aedes and arbovirus mapping for Zika*. Invited presentation to the Modeling Coordination Group on Zika Virus (Department of Health and Human Services, U.S.A.). Remote participation. 20 January 2016.
35. Hay, S.I. (2016). *Overview of consensus burden estimation, Aedes and arbovirus mapping*. Plenary presentation as chair of the WHO Second Advisory Group Meeting on dengue burden estimation. World Health Organization Headquarters, Geneva, Switzerland. 18 January 2016.
36. Hay, S.I. (2015). *High spatial resolution mapping for the GBD: infectious diseases and child mortality*. Plenary presentation to the National Institutes of Health (NIH) leadership. The Stone House, NIH, Bethesda, U.S.A. 18 November 2015.
37. Hay, S.I. (2015). *Geospatial mapping of malaria and other diseases*. A special seminar. Global Center for Integrated Health of Women, Adolescents and Children, University of Washington, Seattle, U.S.A. 12 November 2015.
38. Hay, S.I. (2015). *An update on the big five and the focal three*. A plenary spotlight. Coalition for Operational Research on NTDs (COR-NTD) meeting 2015. Philadelphia, U.S.A. 22 October 2015.
39. Hay, S.I. (2015). *Geospatial mapping of malaria and other diseases*. A special seminar. Public Health Foundation India, New Delhi, India. 14 October 2015.
40. Hay, S.I. (2015). *Geospatial mapping plan*. Presentation to the Institute for Health Metrics and Evaluation's Scientific Oversight Group. Presentation to the Independent Advisory Committee (IAC) of the Global Burden of Disease project of the Institute for Health Metrics and Evaluation. Public Health Foundation India, New Delhi, India. 14 October 2015.
41. Hay, S.I. (2015). *Mapping the zoonotic niche of Ebola virus disease in Africa*. Targeting Ebola 2015: Recent Advances and Strategies. Institute Pasteur, Paris, France. 29 May 2015.
42. Hay, S.I. (2015). *Developing IHME's geospatial agenda*. Presentation to the Institute for Health Metrics and Evaluation's Scientific Oversight Group. IHME, Seattle, Washington, U.S.A. 21 April 2015.
43. Hay, S.I. (2015). *A geospatial agenda for all infectious disease*. Plenary at the Institute for Disease Modeling Modelling Symposium. Hyatt Regency, Bellevue, Washington, U.S.A. 21 April 2015.
44. Hay, S.I. (2015). *Overview of the burden of dengue and the potential disease spread*. World Health Organization (W.H.O.) technical working group meeting for dengue. W.H.O. Headquarters, Geneva, Switzerland. 16 April 2015.
45. Hay, S.I. (2015). *Mapping the global distribution of all infectious disease*. Imperial College Infectious Disease Epidemiology Seminar Series. Department of Infectious Disease Epidemiology, St Mary's Campus, Imperial College London, London, U.K. 23 February 2015.

46. [Hay, S.I.](#) (2015). *The Malaria Modeling Consortium and the current state of malaria modeling*. Bill & Melinda Gates Foundation, Seattle, U.S.A. 17 February 2015.
47. [Hay, S.I.](#) (2015). *Mapping the global distribution of all infectious disease*. i-sense, the EPSRC IRC in Early Warning Sensing Systems for Infectious Disease, London Centre for Nanotechnology, University College London, London, U.K. 06 February 2015.
48. [Hay, S.I.](#) (2015). *Mapping the zoonotic niche of Ebola virus disease in Africa*. Fortieth anniversary of the Topics in Infection meeting of the Royal Society of Tropical Medicine and Hygiene. SOAS, University of London, London, U.K. 23 January 2015.
49. [Hay, S.I.](#) (2014). *The changing zoonotic niche of Ebola virus disease*. Online Nature webcast. London, U.K. 17 December 2014.
50. [Hay, S.I.](#) (2014). *Mapping the global distribution of all infectious disease*. Institute of Health Metrics and Evaluation, Seattle, U.S.A. 03 December 2014.
51. [Hay, S.I.](#) (2014). *Disease mapping*. In Modeling: remote sensing and mobile technologies in disease mapping. The 2014 Bill & Melinda Gates Foundation Grand Challenges Meeting. Seattle, U.S.A. 06 October 2014.
52. [Hay, S.I.](#) (2014). *Mapping the zoonotic niche of Ebola virus disease in Africa*. Google London. London, U.K. 15 September 2014.
53. [Hay, S.I.](#) (2014). *Predicting the global distribution of multiple diseases*. Thirteenth International Congress of Parasitology (ICOPA XIII). Mexico City, Mexico. 13 August 2014.
54. [Hay, S.I.](#) (2014). *The global distribution and burden of dengue*. Invited talk for the Wellcome Trust Researcher Meeting: Public Health & Tropical Diseases. Ashridge House, Berkhamstead, Hertfordshire, U.K. 05-06 June 2014.
55. [Hay, S.I.](#) (2014). *Mapping for medicine*. Invited talk at the 3rd Oxford-Stanford Big Data in Biomedicine annual conference. Stanford, U.S.A. Thursday 22 May 2014.
56. [Hay, S.I.](#) (2014). *The global distribution and burden of dengue*. Invited talk as part of the International Vaccine Institute (IVI) Scholar-in-Residence (SIR) Program. IVI, Seoul, Republic of Korea. 15 January 2014.
57. [Hay, S.I.](#) (2014). *Challenges in mapping the global distribution and burden of vaccine preventable diseases*. Invited talk as part of the International Vaccine Institute (IVI) Scholar-in-Residence (SIR) Program. IVI, Seoul, Republic of Korea. 14 January 2014.
58. [Hay, S.I.](#) (2013). *The global distribution and burden of dengue*. Invited seminar at the World Health Organization, Geneva, Switzerland. 04 December 2013.
59. [Hay, S.I.](#) (2013). *The Malaria Atlas Project and the future of infectious disease mapping*. Invited talk on Oxford Science during the visit of Sir Mark Walport, UK Government Chief Scientist, Oxford, U.K. 03 December 2013.
60. [Hay, S.I.](#) (2013). *Mapping the future of infectious diseases of the tropics*. Health in Humanitarian Settings Research Symposium, Liverpool School of Tropical Medicine, Liverpool, U.K. 28 November 2013.
61. [Hay, S.I.](#) (2013). *The potential of an Influenza Atlas Project: lessons learnt from malaria and dengue mapping*. Research and Policy for Infectious Disease Dynamics (RAPIDD) workshop, Marriott Century Centre Hotel, Atlanta, Georgia, U.S.A. 06 November 2013.
62. [Hay, S.I.](#) (2013). *The global distribution and burden of dengue*. Invited plenary talk at the Third International Conference on Dengue and Dengue Haemorrhagic Fever: Global Dengue: Challenges and Promises. Bangkok, Thailand. 21 October 2013.

63. Hay, S.I. (2013). *The global distribution and burden of dengue*. International Society for Neglected Tropical Diseases (ISNTD) Bites 2013: Integrated disease surveillance and vector control. Royal Geographical Society, London, U.K. 15 October 2013.
64. Hay, S.I. (2013). *Mapping the future of infectious diseases of the tropics*. Presidential address to the AGM of the Royal Society of Tropical Medicine and Hygiene. St John's College, Oxford, U.K. 19 September 2013.
65. Hay, S.I. (2013). *Dengue mapping and new dengue burden estimates*. Invited talk at the European Congress on Tropical Medicine and International Health (ECTMIH-2013). Tivoli Congress Center, Copenhagen, Denmark. 11 September 2013.
66. Hay, S.I. (2013). *The global distribution and burden of dengue*. Invited talk at the TDR-WHO expert meeting. Effective, affordable and evidence based dengue early warning and response systems: toward a validated contingency plan. University of Freiberg, Germany. 15 July 2013.
67. Hay, S.I. (2013). *The global distribution and burden of dengue*. Invited talk at Developments in Travel Medicine 2013 a joint meeting of the Royal Society of Tropical Medicine and Hygiene (RSTMH) and National Travel Health Network and Centre (NaTHNaC). School of Oriental and African Studies, London, U.K. 27 June 2013.
68. Hay, S.I. (2013). *The global distribution of Plasmodium vivax and G6PD deficiency prevalence*. Invited talk for the Wellcome Trust Researcher Meeting, Session 7: Infections and Inflammation. Wellcome Trust, London, U.K. 08 February 2013.
69. Hay, S.I. (2013). *The global distribution and burden of dengue*. Invited talk at the Bill and Melinda Gates Foundation session on "Infectious Diseases in the Asia Pacific: Peril and Promise. A Conversation with Regional Leaders in Health" at the Prince Mahidol Award Conference 2013. Bangkok, Thailand. 29 January 2013.
70. Hay, S.I. (2012). *Global mapping of baseline infectious disease risk*. Invited plenary talk at the 2012 International Society for Disease Surveillance Conference, Expanding Collaborations to Chart a New Course in Public Health Surveillance. San Diego, U.S.A. 04 December 2012.
71. Hay, S.I. (2012). *Global mapping of infectious diseases*. Invited talk at the Oxford-Stanford Conference on Big Data: challenges and opportunities for human health. Oxford, U.K. 28 November 2012.
72. Hay, S.I. (2012). *Malaria, mosquitoes and maps*. Invited public lecture at The Royal Geographical Society, London, U.K. 19 November 2012.
73. Hay, S.I. (2012). *The global distribution of Plasmodium vivax and G6PD deficiency prevalence*. Invited plenary talk for the BioMed Central Conference, Challenges in Malaria Research: Progress towards Elimination. Basel, Switzerland. 10 October 2012.
74. Hay, S.I. (2012). *Global infectious disease surveillance*. Briefing to Bill Gates, founding trustee of the Bill & Melinda Gates Foundation. Richard Doll Building, Oxford, U.K. 06 August 2012.
75. Hay, S.I. (2012). *Dengue burden and mapping*. Plenary talk at the TDR-WHO expert meeting in cooperation with the University of Freiburg on "Effective, affordable and evidence based dengue early warning and response systems: country case studies for sharing experiences". Freiburg, Germany. 28 June 2012.
76. Hay, S.I. (2012). *The Malaria Atlas Project in Indonesia*. Briefing for the Minister of Education and Culture of Indonesia on his visit to the University of Oxford. Somerville College, Oxford, U.K. 30 May 2012.
77. Hay, S.I. (2012). *Mapping the global distribution of infectious diseases: past, present and future*. Discussion meeting on "Next-generation molecular and evolutionary epidemiology of infectious disease". The Royal Society, London, U.K. 15 May 2012.

78. Hay, S.I. (2012). *A global dengue risk map: objective, difficulty and outcome*. Plenary talk at the three dengue (3D) initiative scientific retreat. Château des Ravatys, France. 19 April 2012.
79. Hay, S.I. (2012). *A research agenda for infectious disease mapping and modelling*. Invited talk. Research and Policy for Infectious Disease Dynamics (RAPIDD) 2012 Annual Convocation, Stone House, National Institutes of Health Campus, Bethesda, Maryland, U.S.A. 02 February 2012.
80. Hay, S.I. (2012). *MAP retreat, SEEG advance*. Plenary talk. Disease Modelling Group annual meeting, Wellington, U.K. 24 January 2012.
81. Hay, S.I. (2011). *Mapping the distribution of vectors and their behaviours: where might nets not be enough*. Invited talk for the Vector Control Development Network. American Society of Tropical Medicine and Hygiene 60th Annual Meeting. Philadelphia Marriott Downtown, Philadelphia, Pennsylvania, U.S.A. 07 December 2011.
82. Hay, S.I. (2011). *Global dengue occurrence: present and future*. Invited talk at the first meeting of the International Research Consortium on Dengue Risk Assessment Management and Surveillance (IDAMS, www.idams.eu). Kulturbrauerei, Heidelberg, Germany. 02 December 2011.
83. Hay, S.I. (2011). *An introduction to the Malaria Atlas Project and its members*. Invited talk. Malaria epidemiology and modeling. Collaborative meeting between the Malaria Atlas project and the Indonesian Ministry of Health, Ubud Bali, Indonesia. 16 September 2011.
84. Hay, S.I. (2011). *Using maps to help put confidence intervals on malaria models*. Invited talk. Malaria epidemiology and modeling. Gordon Research Conferences. Malaria: the science behind malaria control and eradication, Il Ciocco Resort, Lucca (Barga), Italy. 01 August 2011.
85. Hay, S.I. (2011). *Feedback of the Scientific Advisory Committee of the Worldwide Antimalarial Resistance Network*. Invited talk. Annual meeting of the Executive Board and Scientific Advisory Committee. Chiang Mai, Thailand. 30 June 2011.
86. Hay, S.I. (2011). *The Malaria Atlas Project: neglected challenges in mapping malaria*. Invited plenary talk. 8th Joint Annual Conference of the Indian Society for Malaria and other Communicable Diseases and the Indian Association of Epidemiologists. Regional Medical Research Centre, Indian Council of Medical Research, Bhubaneswar, Orissa, India. 15 April 2011.
87. Hay, S.I. (2011). *The Malaria Atlas Project: future challenges in mapping malaria*. Invited talk. Indian Institute of Public Health – Delhi, Institutional Area, Gurgaon, New Delhi, India. 13 April 2011.
88. Hay, S.I. (2011). *Review of infectious disease risk modeling*. Invited talk. Infectious Disease Modeling Workshop. National Institute for Mathematical and Biological Synthesis (NIMBIO), University of Tennessee, Knoxville, Tennessee, U.S.A. 23 January 2011.
89. Hay, S.I. (2011). *A research agenda for mapping pan-endemics*. Invited talk. Research and Policy for Infectious Disease Dynamics (RAPIDD) 2011 Annual Convocation, Stone House, National Institutes of Health Campus, Bethesda, Maryland, U.S.A. 26 January 2011.
90. Hay, S.I. (2010). *Ranking elimination feasibility among malaria endemic countries*. Invited talk. The Lancet and the Malaria Elimination Group Launch of a four paper series on malaria elimination. American Society of Tropical Medicine and Hygiene 59th Annual Meeting. Atlanta Marriott Marquis, Atlanta, Georgia, U.S.A. 05 November 2010.
91. Hay, S.I. (2010). *Climate change and the global malaria recession*. Invited talk. U.K.-South East Asia Expert Meeting on the Effects of Climate Change and Urbanisation on Infectious Diseases. Pham Ngoc Thach Medical University, Ho Chi Minh City, Vietnam. 29 June 2010.
92. Hay, S.I. (2010). *Report of the scientific advisory committee on informatics*. Worldwide Antimalarial Resistance Network Annual Meeting. Dakar, Senegal. 23 June 2010.

93. Hay, S.I. (2010). *Mapping malaria risk with a view towards its control and elimination*. Plenary talk at the Genomic Epidemiology of Malaria (GEM) meeting. Wellcome Trust Conference Center, Hinxton, U.K. 09 June 2010.
94. Hay, S.I. (2010). *A research agenda for malaria intervention modelling*. Invited talk. Research and Policy for Infectious Disease Dynamics (RAPIDD) workshop, Washington D.C., U.S.A. 04 June 2010.
95. Hay, S.I. (2010). *Data and statistics for modelling insect-vector population and disease dynamics*. Invited talk. Research and Policy for Infectious Disease Dynamics (RAPIDD), innovation in data underlying modelling insect-vector population and disease dynamics workshop, Jesus College, Oxford, U.K. 13 April 2010.
96. Hay, S.I. (2010). *Mapping framework for elimination at a country level*. Plenary talk for zenith week meetings of the Malaria Eradication Research Agenda (MalERA). Keybridge Marriot in Arlington, Virginia, U.S.A. 24 March 2010.
97. Hay, S.I. (2010). *Mapping malaria risk*. Invited lecture for the Spatial Epidemiology module in Public Health unit of the Epidemiology M.Sc. London School of Hygiene and Tropical Medicine, London, U.K. 16 March 2010.
98. Hay, S.I. (2010). *Mapping malaria risk*. Invited talk in Monday Seminar Series. Department of Infectious Disease Epidemiology, Imperial College, London, U.K. 15 March 2010.
99. Hay, S.I. (2010). *Mapping the international limits and population at risk of Plasmodium vivax transmission in 2009*. Invited talk in the Tracking Progress Toward Elimination session. Second Annual Meeting of the Asia Pacific Malaria Elimination Network (APMEN). Kandy, Sri Lanka. 17 February 2010.
100. Hay, S.I. (2009). *Maps of malaria transmission as an alternative approach to establishing baseline burden and auditing change*. Invited talk at the Bill and Melinda Gates Foundation symposium: Reports of high impact in malaria control programs: too good to be true? American Society of Tropical Medicine and Hygiene 58th Annual Meeting. Marriott Wardman Park, Washington D.C., U.S.A. 21 November 2009.
101. Hay, S.I. (2009). *The Malaria Atlas Project and the global distribution of Plasmodium falciparum malaria in 2007*. Plenary talk for the global distribution of malaria symposium. American Society of Tropical Medicine and Hygiene 58th Annual Meeting. Marriott Wardman Park, Washington D.C., U.S.A. 21 November 2009.
102. Hay, S.I. (2009). *Mapping malaria risk with a view towards its control and elimination*. Plenary talk for Malaria Elimination / Eradication day. The 5th Multilateral Initiative on Malaria (MIM) Pan African Malaria Conference. Kenyatta International Conference Center (KICC), Nairobi, Kenya. 04 November 2009.
103. Hay, S.I. (2009). *Machine level harmonization of databases to support malaria modeling*. Invited talk to the MalERA – Malaria Eradication Research Agenda, Modeling Working Group write-up meeting. Swiss Tropical Institute, Basel, Switzerland. 19 October 2009.
104. Hay, S.I. (2009). *Epidemiology and mapping, what it could contribute to dengue and viral haemorrhagic fevers and what would be needed from the research communities*. Invited talk. TDR Disease Reference Group informal consultation on dengue and emerging viral diseases of public health importance. Dengue and viral haemorrhagic fevers, comparative work and lessons. Centre for Tropical Medicine, Churchill Hospital, Oxford, U.K. 14 September 2009.
105. Hay, S.I. (2009). *The open access policies and philosophies of the Malaria Atlas Project*. Invited talk. MIIDI – Minimal Information for an Infectious Disease Investigation workshop. Wolfson College, University of Oxford, U.K. 02 September 2009.

106. Hay, S.I. (2009). *Estimating the global Plasmodium falciparum malaria burden: current status*. Plenary talk. Moving forward in the diagnosis of infectious diseases in developing countries: a focus on malaria. "Les Pensières" Fondation Mérieux Conference Center, Veyrier-du-Lac, France. 23 June 2009.
107. Hay, S.I. (2009). *Careers in cartography: mapping the global distribution of malaria*. Invited seminar by the Royal Society of Tropical medicine and Hygiene on "Careers and opportunities in tropical medicine and international health research". Liverpool School of Tropical Medicine, Liverpool, U.K. 18 June 2009.
108. Hay, S.I. (2009). *Mapping malaria risk with a view towards its control and elimination*. Invited seminar at the Kenya Medical Research Institute - University of Oxford - Wellcome Trust Collaborative Programme. Nairobi, Kenya. 12 February 2009.
109. Hay, S.I. (2009). *The future work of the Malaria Atlas Project*. 12th meeting of the World Health Organization - Roll Back Malaria Partnership, Monitoring and Evaluation Reference Group, Morbidity Task Force Meeting. Barcelona, Spain. 30 January 2009.
110. Hay, S.I. (2009). *Mapping malaria risk with a view towards its control and elimination*. 12th meeting of the World Health Organization - Roll Back Malaria Partnership, Monitoring and Evaluation Reference Group. Barcelona, Spain. 28 January 2009.
111. Hay, S.I. (2009). *Surveillance III – Mapping: what are the research needs to improve mapping of cases, vectors, intervention coverage?* Malaria Eradication Research Agenda (MalERA), Monitoring, Evaluation and Surveillance Consultative Meeting. Barcelona, Spain. 27 January 2009.
112. Hay, S.I. and Weatherall, D.J. (2009). *The Malaria Atlas Project contribution to defining the burden of the inherited blood disorders*. Global Burden of Disease Study. Hemoglobinopathies expert working group meeting. Seattle, Washington, U.S.A. 22 January 2009.
113. Hay, S.I. (2008). *Overview of the technical advisory group (TAG) meeting objectives for the first Malaria Atlas project dominant vector species mapping*. Department of Zoology, University of Oxford, U.K. 20 August 2008.
114. Hay, S.I. (2008). *A world malaria map: Plasmodium falciparum endemicity in 2007*. Malaria Atlas Project Steering Committee. Department of Zoology, University of Oxford, U.K. 28 July 2008.
115. Hay, S.I. (2008). *Database and data requirements for substantial modeling projects: structure and access*. Consultation on Modeling for Malaria Eradication, hosted by the Bill and Melinda Gates Foundation. Basel, Switzerland. 08 July 2008.
116. Hay, S.I. (2008). *The Malaria Atlas Project: aims, objectives and preliminary results*. Eijkman-Oxford Clinical Research Unit (EOCRU), Eijkman Institute, Jl, Diponegoro No. 69, Jakarta 10430, Indonesia. 14 March 2008.
117. Hay, S.I. (2008). *The Malaria Atlas Project: aims, objectives and current status*. Invited seminar at the London School of Hygiene and Tropical Medicine, London, U.K. 08 November 2007.
118. Hay, S.I. (2007). *Mapping of the present extent of Plasmodium falciparum malaria in the WHO EURO/EMRO regions*. Invited expert at the World Health Organization meeting on progress achieved towards Malaria Elimination in the WHO European Region. Ashgabat, Turkmenistan. 31 October 2007.
119. Hay, S.I. (2006). *Developing global databases of disease occurrence*. Invited expert speaker at this briefing meeting of the Armed Forces Medical Intelligence Centre (AFMIC). Fort Detrick, U.S.A. 01 March 2006.
120. Hay, S.I. (2005). *Remote Sensing Data Archive*. Seminar on Bovine Tuberculosis Study for representatives of the Department for Environment, Food and Rural Affairs. Department of Zoology, University of Oxford, U.K. 12 December 2005.

121. Hay, S.I. (2005). *Foresight on population at malaria risk in Africa: 2005, 2015 and 2030*. Invited seminar at the Woods Hole Research Centre, Woods Hole, M.A., U.S.A. 01 September 2005.
122. Hay, S.I. (2005). *Remote sensing of malaria epidemics*. Seminar on Novel Remote Sensing Applications for representatives of the Department for Environment, Food and Rural Affairs. Department of Zoology, University of Oxford, U.K. 25 July 2005.
123. Gething, P.W., Noor, A.M., Atkinson, P.M., Nixon, M.S., Gikandi, P., Hay, S.I., and Snow, R.W. (2005). *Optimising the utility of national malaria data for health system planning in Kenya using spatiotemporal analysis*. Geostats U.K. Meeting. Belfast, U.K. 05 April 2005.
124. Gething, P.W., Noor, A.M., Atkinson, P.M., Nixon, M.S., Gikandi, P., Hay, S.I., and Snow, R.W. (2005). *Optimising the utility of national malaria data for health system planning in Kenya using spatiotemporal analysis*. Workshop on recent advances in modeling spatio-temporal data. Southampton Statistical Sciences Research Institute, Southampton, U.K. 14 January 2005.
125. Hay, S.I. (2004). *Country populations at malaria risk*. 1st Monitoring and Evaluation Reference Group taskforce meeting on malaria morbidity. World Health Organization, Geneva, Switzerland. 19 October 2004.
126. Hay, S.I. (2004). *Malaria and urbanization in Africa*. 1st Monitoring and Evaluation Reference Group taskforce meeting on malaria morbidity. World Health Organization, Geneva, Switzerland. 19 October 2004.
127. Hay, S.I., Tatem, A.J., Noor, A.M., Gikandi, P. and Snow, R.W. (2004). *Mapping human population distribution in Kenya*. Invited seminar at the Kenya Medical Research Institute - University of Oxford - Wellcome Trust Collaborative Programme. Nairobi, Kenya. 17 June 2004.
128. Hay, S.I. (2004). *The global distribution and population at risk of malaria control: yesterday, today, tomorrow*. Invited seminar at the Kenya Medical Research Institute - Centre for Geographical Medicine Coast - Wellcome Trust Programme. Kilifi, Kenya. 08 April 2004.
129. Hay, S.I., Guerra, C.A. and Snow, R.W. (2004). *Prioritizing global efforts for malaria control using regional variations in populations at risk: yesterday, today, tomorrow*. Linacre College seminar. University of Oxford, U.K. 17 February 2004.
130. Hay, S.I. (2003). *Malaria in/from space and through time: generic approaches of RS and GIS to infectious disease epidemiology*. Geography Department seminar series. Geography Department, University of Southampton, U.K. 26 November 2003.
131. Hay, S.I. (2003). *Malaria in space and through time: generic approaches of RS and GIS to infectious disease epidemiology*. Inter-American workshop on the use of remote sensing to control infectious diseases. Rio de Janeiro, Brazil. 19 November 2003.
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