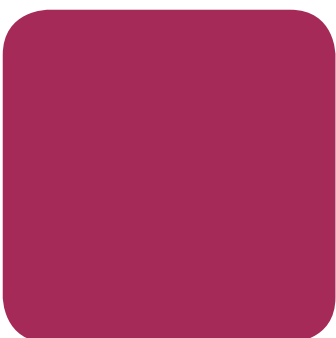


**Centre for Sustainable
Tourism & Transport**
Annual report 2015



**Breda University
of Applied
Sciences**

Introduction



CSTT's scientific output remained steady in 2015, with 9 reviewed papers published in high-ranked tourism journals and a range of book chapters and conference presentations. The CARMATOP project officially ended in spring with the Groeneveld Conference, co-hosted by CSTT, but the work on its carbon calculator, Carmacal, continued, partly through CELTH funding. CARMATOP won the tourism branch Green Feather award, as well as the third prize at the RAAK Awards 2015, and generated quite some media attention. It was also presented at a side event during COP21 in Paris, December 2015. Next to the Groeneveld, CSTT co-organised the 30th International Tourism Students Conference (ITSC).

CSTT conducted three studies for the European Parliament about the sharing economy, ICT and SME's, and sustainable development of tourism. For this study several NHTV researchers were involved to add to CSTT's knowledge.

During 2015, associate professor Paul Peeters continued his work as a consultant for one day a week for the European NGO Transport & Environment. He assists T&E in negotiation within ICAO/CAEP, who installed a new fuel efficiency standard in civil aviation in 2015. This project was financed by the European Climate Fund with an extended budget until at least February 2016.

Paul Peeters
Associate Professor Sustainable Tourism and Transport



Trav magazine

Verenverkiezing

'Groene Veer'

uitgereikt op woensdag 14 januari 2015 tijdens 'Changes in Tourism'
aan de deelnemers van CARMATOP

- | | | |
|--------------------------|-------------------------|----------------------|
| 1. 360° | 9. ITG Groep | 17. Sawadee Reizen |
| 2. ANVR | 10. Hogeschool Zeeland | 18. SNP Natuurreizen |
| 3. Askja Reizen | 11. Koning Aap | 19. Thika Travel |
| 4. Bookdifferent.com | 12. Labrys Reizen | 20. Travelhome |
| 5. Climate Neutral Group | 13. NHTV | 21. Treinreiswinkel |
| 6. Dimsum Reizen | 14. Pharos Reizen | 22. TUI Nederland |
| 7. ECEAT | 15. Pin High Golftravel | |
| 8. Fox Vakanties | 16. Prinos Reizen | |

2015 Highlight

CARMATOP – Carbon Management for Tour Operators

The RAAK-SME project CARMATOP is one of the larger projects CSTT has been working on. In 2015, up to nine researchers from NHTV/CSTT were involved. The number of participating tour operators was extended to 15. The project was officially finished in spring, after the carbon calculator, CARMACAL, received final tests early 2015. At the Vakantiebeurs, CARMATOP received the Green Feather award for best industry initiative. The 30th International Tourism Students Conference (ITSC), hosted by NHTV and CSTT 22-24 April 2015, was themed around 'Sustainable business in tourism, beyond the obvious solutions' and CARMATOP. The Groeneveld Conference (2-6-2015), was themed as a tourism climate conference, and as the final conference on CARMATOP. It was co-organised by CSTT, and CARMACAL was officially launched here. In December, at the SIA RAAK congress, CARMATOP also won the RAAK Award third prize. Finally, Carmacal is still being funded by CELTH, ANVR, ANWB and others. In 2016 this will result in a first software update into v1.1.



In 2015, the following conference presentations were given under this project:

- Bongaerts, R., Buijtenlijk, H., Eijgelaar, E., & Peeters, P. (2.6.2015). CARMATOP workshop. Presentation at the Groeneveld Conferentie 2015, Zeist, Netherlands.
- Eijgelaar, E. (22.4.2015). Workshop. Paper presented at the ITSC2015: Sustainable business in tourism: beyond the obvious solutions, Breda, Netherlands.
- Eijgelaar, E., Bongaerts, R., Barten, C., Buijtenlijk, H., Klijs, J., Nawijn, J., . . . Peeters, P. (14.1.2015). Project CARMATOP: succesvolle samenwerking met Nederlandse reisbranche. Presentation at the Changes in Tourism - Vakantiebeurs 2015, Utrecht, Netherlands.
- Hardeman, G. (11.12.2015). Carbon management for tour operators. Presentation at the Tourism and the International Climate and Sustainable Development Agenda: The Path to Low Carbon Development. A Side Event to the United Nations Climate Change Conference, Paris 2015, Paris, France.
- Nieuwboer, G. (14.1.2015). CARMATOP: een korte introductie van een bijzonder project. Presentation at the Changes in Tourism - Vakantiebeurs 2015, Utrecht, Netherlands.
- Peeters, P. (2.6.2015). Carbon management voor de toeristische sector. Presentation at the Groeneveld Conferentie 2015, Zeist, Netherlands.



2015 Highlight continued

Media attention for the project was high around the Vakantiebeurs, when the Green Feather was awarded, and after the Groeneveld Conference, when CARMACAL was officially launched:

- 7.7.2015. NRIT Media: "Van luis in de pels naar duurzame adviseur voor de branche", interview of Paul Peeters by Ton Vermeulen with much attention for CARMATOP and the calculator.
- 11.6.2015. MVO Netherlands: "Groeneveld Conferentie: hoe CARMATOP vakantie vieren duurzamer maakt", conference report of the Groeneveld 2015 (in Dutch).
- 8.6.2015. NRIT Media: "Sector krijgt tool voor duurzamer reisaanbod: Verslag Groeneveldconferentie 2015", Groeneveld conference report by Ton Vermeulen (in Dutch, NRIT Media Vrijetijdsplatform access required).
- 3.6.2015. Verkeersbureaus.info: "Nederlandse reisbranche lanceert wereldprimeur", article by Paco Mens about the carbon calculator launch at the 2015 Groeneveld Conference (in Dutch).
- 3.6.2015. Tripnieuws.nl: "Tool om duurzaamheid tijdens reis te meten", article by Eugenie Engelbracht about the carbon calculator launch at the 2015 Groeneveld Conference (in Dutch).
- 3.6.2015. Travelution: "ANVR lanceert tool voor meten CO2-voetafdruk", article about the carbon calculator launch at the 2015 Groeneveld Conference (in Dutch).
- 3.6.2015. NRIT Media: "Unieke Carbon Calculator gepresenteerd", article by Ton Vermeulen about the carbon calculator launch at the 2015 Groeneveld Conference (in Dutch).
- 2.6.2015. TravMagazine: "ANVR werkt aan groen consumentenlabel", article by Gerrie Brands about the carbon calculator launch at the 2015 Groeneveld Conference (in Dutch).
- 2.6.2015. Travelpro: "Duurzaamheidslabel voor elke reis", article by Arjen Lutgendorff about the carbon calculator launch at the 2015 Groeneveld Conference (in Dutch).
- 12.5.2015. MainStreet.com: "How to Be as Good an Environmentalist in a Hotel as You Are at Home", article by Mia Taylor on choosing green hotels, with attention to the unique carbon footprint scores by bookdifferent.
- 21.3.2015, Volkskrant, p.35, "Vind uit of je vakantie schoner kan", article by Tjerk Gualthérie van Weezel, with interview of Paul Peeters, on tourism ecolabels and CARMATOP partner bookdifferent's use of carbon footprint data for accommodations (in Dutch).
- 25.2.2015. Totemtourism.com: "Go for a Green Night's Sleep says Online Travel Agent", article by Valere Tjolle on bookdifferent's hotel carbon footprint scores (also on travelmole and green travel guides).
- 2.2015. Recreatie & Toerisme 25(februari), pp. 52-55: "Online engagement heeft reputatie-effect", article on CELTH presentations at Dutch Tourism Expo 2015, with a section on CARMATOP (in Dutch).
- 16.1.2015. TravMagazine: "ANVR: energielabel voor reizen", article by Klaas-Jan van Woerkom. (in Dutch)
- 16.1.2015. OneWorld: "Duurzame doorbraak in de reisbranche?", article by Gerben Vlasveld, with interview of Gert Nieuwboer and others. (in Dutch)
- 15.1.2015. NRIT media: "Carmatop Carbon Calculator ontvangt Groene Veer", article by Marc Gerlings and Ton Vermeulen. (in Dutch)
- 14.1.2015. TravMagazine: "Brancheproject CARMATOP wint Groene Veer", article by Klaas-Jan van Woerkom. (in Dutch)

Consultant on aircraft CO2 standards

Since March 2013, Paul Peeters is a member of the ICAO/CAEP Working Group 3, which is responsible for setting a new fuel efficiency standard for civil aviation. He does so for the International Coalition for Sustainable Aviation (ICSA). Paul presented several papers at international CAEP meetings and contributed to discussions, often taking a contrarian opinion towards the aviation industry about the fuel efficiency standard.

ICSA was established in 1998 by a group of national and international environmental NGOs as official observers. Since its inception, ICSA has contributed to CAEP's work on technical means to reduce emissions and noise, the role of market-based measures, supporting economic and environmental analysis, modelling and forecasting, and ICAO's carbon calculator. It has also been invited to present its views at ICAO workshops on carbon markets and bio-fuels, and has presented to the high-level Group on International Aviation and Climate Change (GIACC).

ICSA uses the expertise within its NGO membership to formulate its co-ordinated positions. To gain the broadest level of understanding and input from environmental NGOs, ICSA communicates with, and invites comment from, other NGO networks and bodies working in related areas. ICSA's participation in ICAO and CAEP meetings is currently provided by the Aviation Environment Federation (AEF), the International Council for Clean Transportation (ICCT) and Transport and Environment (T&E). See <http://www.icsa-aviation.org>



Conferences & Workshops

The number of conference presentations was modest in 2015, compared to previous years. This was mainly due to the large staff engagement in the CARMATOP project.

Conference references:

- Bongaerts, R., Buijtdijk, H., Eijgelaar, E., & Peeters, P. (02.06.2015). CARMATOP workshop. Presentation at the Groeneveld Conferentie 2015, Zeist, Netherlands.
- Eijgelaar, E. (22.04.2015). Workshop. Paper presented at the ITSC2015: Sustainable business in tourism: beyond the obvious solutions, Breda, Netherlands.
- Eijgelaar, E., Bongaerts, R., Barten, C., Buijtdijk, H., Klijs, J., Nawijn, J., . . . Peeters, P. (14.01.2015). Project CARMATOP: succesvolle samenwerking met Nederlandse reisbranche. Presentation at the Changes in Tourism - Vakantiebeurs 2015, Utrecht, Netherlands.
- Peeters, P. (01/04.09.2015). A turning point in two centuries of tourism travel and its CO2 emissions? Paper presented at the RGS-IBG Annual International Conference "Geographies of the Anthropocene", Exeter.
- Peeters, P. (20.05.2015). Too late & and too little? An NGO's perspective on the Fuel Standard for aeroplanes. Paper presented at the FORUM AE Toulouse Workshop on CO2 Basket of Measures, Toulouse, France.
- Peeters, P. (02.06.2015). Carbon management voor de toeristische sector. Presentation at the Groeneveld Conferentie 2015, Zeist, Netherlands.
- Peeters, P. (11.11.2015). The ICAO CO2 standard. Paper presented at the CO2 standard for aircraft – another Greenwash?, European Parliament, Brussels.



Projects

A significant share of the CSTT income is generated by projects for third parties. In 2015, a lot of our project effort still went into CARMATOP, our two-year project with the Dutch travel industry, and in improving CARMACAL. The overall trend of revenues is stable with current project value similar to 2014. The 'Projects' overview shows we were working on six projects with a total value of around 280,000 euro. Some of these projects will continue in 2016.

Project title	CARMATOP – Carbon Management for Tour Operators
Year	2013/2015
Budget	166,166 euro (total NHTV share)
Client	SIA
Report/product	See further down ("2015 Highlight")



Project title	CARMACAL 2015 refining and development
Year	2015/2016
Budget	39,000 euro
Client	CELTH, ANWB, ANVR
Report/product	See also further down ("2015 Highlight")



Project title	TObeWELL – Tourism, Wellbeing and Ecosystem Services
Year	2012-2016
Budget	Budget neutral
Client	COST European Cooperation in Science and Technology
Report/product	To be delivered from 2013 onwards.



Project title	Research studies on: - Responsible and Sustainable Tourism Best Practices - Tourism and the sharing economy: challenges and opportunities - Digitisation of Tourism Enterprises
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Year	2015
Budget	24,111 euro (9,576 / 9,405 / 5,130)
Client	European Parliament, Directorate General for Internal Policies, Policy Department B: Structural and Cohesion Policies, Transport and Tourism

Report/product	Peeters, P., Eijgelaar, E., Dubois, G., Strasdas, W., Lootvoet, M., Zepfenfeld, R., & Weston, R. (2015). Research for TRAN Committee - From responsible best practices to sustainable tourism development. . Brussels, Belgium: European Parliament, Directorate General for Internal Policies, Policy Department B: Structural and Cohesion Policies, Transport and Tourism.
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Peeters, P., Dijkmans, C., Mitas, O., Strous, B., Vinkensteijn, J., & Weston, R. (2015). Research for TRAN Committee - Tourism and the sharing economy: Challenges and opportunities for the EU. Brussels, Belgium: European Parliament, Directorate General for Internal Policies, Policy Department B: Structural and Cohesion Policies, Transport and Tourism.

Mitas, O., van der Ent, M., Peeters, P., & Weston, R. (2015). Research for TRAN Committee - The digitisation of tourism enterprises. Brussels, Belgium: European Parliament, Directorate General for Internal Policies, Policy Department B: Structural and Cohesion Policies, Transport and Tourism.

Project title	Consultant on aircraft CO2 standards
Year	2013-2016
Budget	51,000 euro
Client	European Climate Foundation (ECF)/Transport and Environment (T&E) / International Coalition for Sustainable Aviation (ICSA) / European Climate Fund
Report/product	See information below



Scientific output

The scientific output comprised of 26 scientific and several other publications, of which 9 reviewed in journals (including 1 official 2016 publication, online in 2015), 12 book chapters, and 5 reports (see lists below). Several papers and book chapters have been submitted and are planned for publishing in 2016.

Citations of NHTV-affiliated articles by Paul Peeters, Jeroen Nawijn, Jeroen Klijs, Martin Landré and Eke Eijgelaar in SCOPUS increased strongly in 2015.

Table: Citations received for CSTT authors in Scopus and GoogleScholar

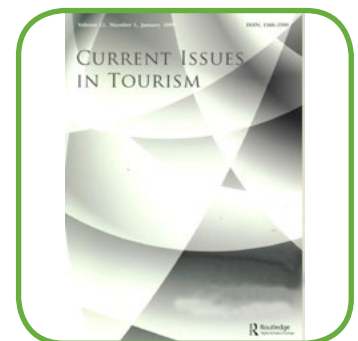
	Scopus			Google citations	
	Cited documents* (2002-2015)	Total citations (2002-2015)	H-index (2002-2015)	Citations (2008-2015)	H-index (all)
Paul Peeters	39	1126	16	3141	27
Jeroen Nawijn	16	136	7	377	10
Eke Eijgelaar	6	59	4	228	8
Martin Landré	6	29	3	no profile	-
Jeroen Klijs	3	6	1	14	2

Source: www.scopus.com (retrieved 21.04.2016). www.scholar.google.nl/citations (retrieved 21.04.2016)

*Based on publications with NHTV affiliation.

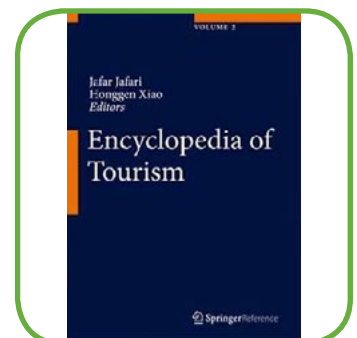
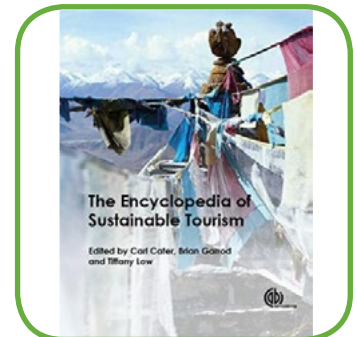
Journal articles

- Eijgelaar, E., Nawijn, J., Barten, C., Okuhn, L., & Dijkstra, L. (2015). Consumer attitudes and preferences on holiday carbon footprint information in the Netherlands. *Journal of Sustainable Tourism*, OnlineFirst.
- Gössling, S., & Peeters, P. (2015). Assessing tourism's global environmental impact 1900–2050. *Journal of Sustainable Tourism*, 23(5), 639-659. doi: 10.1080/09669582.2015.1008500
- Hall, C. M., Amelung, B., Cohen, S., Eijgelaar, E., Gössling, S., Higham, J., . . . Scott, D. (2015). On climate change skepticism and denial in tourism. *Journal of Sustainable Tourism*, 23(1), 4-25. doi: 10.1080/09669582.2014.953544
- Hall, C. M., Amelung, B., Cohen, S., Eijgelaar, E., Gössling, S., Higham, J., . . . Weaver, D. (2015). Denying bogus skepticism in climate change and tourism research. *Tourism Management*, 47, 352-356. doi: <http://dx.doi.org/10.1016/j.tourman.2014.08.009>
- Hall, C. M., Amelung, B., Cohen, S., Eijgelaar, E., Gössling, S., Higham, J., . . . Weaver, D. (2015). No time for smokescreen skepticism: A rejoinder to Shani and Arad. *Tourism Management*, 47, 341-347. doi: <http://dx.doi.org/10.1016/j.tourman.2014.08.008>
- Klijs, J., Peerlings, J., & Heijman, W. (2015). Introducing labour productivity changes into models used for economic impact analysis in tourism and recreation. *Tourism Economics Fast Track*. doi: 10.5367/te.2015.0530
- Klijs, J., Peerlings, J., & Heijman, W. (2015). Usefulness of non-linear input-output models for economic impact analyses in tourism and recreation. *Tourism Economics*, 21(5), 931-956. doi: 10.5367/te.2014.0398
- Nawijn, J., & Fricke, M.-C. (2015). Visitor Emotions and Behavioral Intentions: The Case of Concentration Camp Memorial Neuengamme. *International Journal of Tourism Research*, 17(3), 221-228. doi: 10.1002/jtr.1977
- Nawijn, J., Isaac, R. K., Gridnevskiy, K., & van Liempt, A. (2015). Holocaust concentration camp memorial sites: an exploratory study into expected emotional response. *Current Issues in Tourism*, 1-16. doi: 10.1080/13683500.2015.1058343



Book chapters

- Buijtendijk, H., & van der Donk, M. (2015). Sustainability in Tourism: A Corporate Perspective. In G. Moscardo & P. Benckendorff (Eds.), *Education for Sustainability in Tourism: A Handbook of Processes, Resources, and Strategies* (pp. 239-270): Springer Berlin Heidelberg.
- Eijgelaar, E. (2015). Low carbon tourism. In C. Cater, B. Garrod & T. Low (Eds.), *The Encyclopedia of Sustainable Tourism* (pp. 316-318). Oxford, UK: CAB International.
- Eijgelaar, E. (2015). Technological fix. In C. Cater, B. Garrod & T. Low (Eds.), *The Encyclopedia of Sustainable Tourism* (pp. 482). Oxford, UK: CAB International.
- Eijgelaar, E., & Peeters, P. (2015). Bicycle tourism. In J. Jafari & H. Xiao (Eds.), *Encyclopedia of Tourism* (pp. 1-2): Springer.
- Eijgelaar, E., & Peeters, P. (2015). CARMATOP – een voorbeeld voor duurzame samenwerking tussen sector en hoger onderwijs. In NRIT Media (Ed.), *Trendrapport toerisme, recreatie en vrije tijd 2015* (pp. 115-120). Nieuwegein, Netherlands: NRIT Media-CBS-NBTC Holland Marketing-CELTH.
- Eijgelaar, E., Peeters, P., de Bruijn-Michielsen, K., Dirven, R., & Heerschap, N. (2015). Toerisme en duurzaamheid. In CBS (Ed.), *Trendrapport toerisme, recreatie en vrije tijd 2015* (pp. 355-371). Nieuwegein, Netherlands: NRIT Media-CBS-NBTC Holland Marketing-CELTH.
- Klijs, J. (2015). Economische impacts van toerisme berekenen met een (uitgebreid) input-outputmodel. In T. Vermeulen & K. de Bruijn (Eds.), *Trendrapport toerisme, recreatie en vrije tijd 2015* (pp. 342-351). Nieuwegein, Netherlands: NRIT Media-CBS-NBTC Holland Marketing-CELTH.
- Lamers, M., Eijgelaar, E., & Amelung, B. (2015). The environmental challenges of cruise tourism: impacts and governance. In C. M. Hall, S. Gössling & D. Scott (Eds.), *The Routledge Handbook of Tourism and Sustainability* (pp. 430-439). Abingdon, UK: Routledge.
- Peeters, P. (2015). Tourism system. In C. Cater, B. Garrod & T. Low (Eds.), *The Encyclopedia of Sustainable Tourism* (pp. 497-498). Oxford, UK: CAB International.
- Peeters, P., & Bongaerts, R. (2015). The role of aviation in sustainable development of tourism. In C. M. Hall, S. Gössling & D. Scott (Eds.), *The Routledge Handbook of Tourism and Sustainability* (pp. 420-429). Abingdon, UK: Routledge.
- Peeters, P., & Eijgelaar, E. (2015). Low-carbon tourism. In J. Jafari & H. Xiao (Eds.), *Encyclopedia of Tourism* (pp. 1-2): Springer.
- Peeters, P. (2015). Mass tourism. In C. Cater, B. Garrod & T. Low (Eds.), *The Encyclopedia of Sustainable Tourism* (pp. 325-326). Oxford, UK: CAB International.

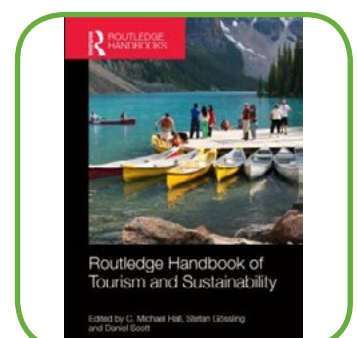


Reports

- Eijgelaar, E., Peeters, P., de Bruijn, K., & Dirven, R. (2015). *Travelling large in 2014: The carbon footprint of Dutch holidaymakers in 2014 and the development since 2002*. Breda, The Netherlands: NHTV Breda University of Applied Sciences.
- Mitas, O., van der Ent, M., Peeters, P., & Weston, R. (2015). *Research for TRAN Committee - The digitisation of tourism enterprises*. Brussels, Belgium: European Parliament, Directorate General for Internal Policies, Policy Department B: Structural and Cohesion Policies, Transport and Tourism.
- Nawijn, J. (2015). *Dark tourism/ leisure experiences*. Breda: Celth/NHTV.
- Peeters, P., Dijkmans, C., Mitas, O., Strous, B., Vinkensteijn, J., & Weston, R. (2015). *Research for TRAN Committee - Tourism and the sharing economy: Challenges and opportunities for the EU*. Brussels, Belgium: European Parliament, Directorate General for Internal Policies, Policy Department B: Structural and Cohesion Policies, Transport and Tourism.
- Peeters, P., Eijgelaar, E., Dubois, G., Strasdas, W., Lootvoet, M., Zeppenfeld, R., & Weston, R. (2015). *Research for TRAN Committee - From responsible best practices to sustainable tourism development*. Brussels, Belgium: European Parliament, Directorate General for Internal Policies, Policy Department B: Structural and Cohesion Policies, Transport and Tourism.

Other professional publications

- Gössling, S., & Peeters, P. (2015). Assessing tourism's resource use: Scenarios for an unsustainable future. *TourismWatch*, 80. Retrieved from <http://www.tourism-watch.de/node/2315>



Public output & media coverage

Most of CSTT's (online) media coverage in 2015 focused on CARMATOP. Please see the Highlight item earlier in this report for a list of media items. Next to sustainable holidays and ecolabels, CARMATOP was also a topic in a Volkskrant interview with Paul Peeters (Gualthérie van Weezel, 2015). Other interviews with Paul included an in-depth one in NRIT's Toerisme and Recreatie (Vermeulen, 2015a), and a feature in the Erasmus Magazine (Oosterom, 2015.)

Jeroen Nawijn gave a whole range of interviews on dark tourism, holiday emotions and happiness, for various media. Amongst others through interviews for the Wall Street Journal (Nawijn, 2015c, d), Algemeen Dagblad (Boex, 2015), LiveHappy (Felps, 2015), Santé (Boshuizen, 2015), Flair (Blokhuys, 2015), and a national TV interview for the Groeten van Max (Nawijn, 2015b). The German fairkehr magazine published a special on marine transport, for which Eke Eijgelaar contributed infographic data and a short interview (Linnert, 2015).

Public output & media references:

- Blokhuys, N. (22.7.2015) Je moet nu ontspannen! Flair, 22 July, 32-34.
- Boex, H. (22.8.2015) Weer soepel aan de slag: vier tips. Algemeen Dagblad.
- Boshuizen, A.M. (2015) Blijf in de vakantie-vibe. Santé, August 2015, 38-41.
- Felps, P. (3.8.2015) Upping your downtime. Livehappy: <http://www.livehappy.com/science/upping-your-downtime>
- Gualthérie van Weezel, T. (21.3.2015). Vind uit of je vakantie schoner kan, Volkskrant.
- Linnert, U. (2015). Der Schein trügt. fairkehr(3/2015), 22-24.
- Nawijn, J. (2015a). Sustainable Tourism, Happiness & Dark Tourism, from <http://www.bsctourism.com/2015/03/15/sustainable-tourism-happiness-dark-tourism/>
- Nawijn, J. (2015b, 24.8.2015) Groeten van Max, TV interview. NPO1.
- Nawijn, J. (2015c, 20.7.2015) The smartest way to take vacation. Wall Street Journal.
- Nawijn, J. (2015d, 12.3.2015) Nine tips to make vacations more valuable. Wall Street Journal.
- Oosterom, E. (2015). Is carbon-neutral travel a good idea? Erasmus Magazine, 16-19.
- Vermeulen, T. (2015a, August 2015). Interview Paul Peeters: Van luis in de pels naar duurzame adviseur in toerisme. Toerisme & Recreatie, 54-59.
- Vermeulen, T. (2015b). Productiviteitswinst boeken. Economische impact van toerisme vaststellen. 2015, from <http://www.nritmedia.nl/kennisbank/34284/productiviteitswinst-boeken/?topicsid>



TourismWatch

Education

CSTT contributed to education by successfully guiding NHTV and WUR students with their (final) thesis or apprenticeship, see a selection of sustainability-related theses below. Harald Buijtendijk (International Field Trip), Eke Eijgelaar (Environment & Tourism), Jeroen Klijs and Pieter Piket (Tourism Economics), and Jeroen Nawijn and Paul Peeters (Principles of Tourism) were all involved in the BSc Tourism programme, in close collaboration with Wageningen University and Research (WUR), co-organising modules, and giving lectures and tutorials. In this sixth year of its existence, the BSc attracted some 32 first grade students. Harald, Pieter, Eke and Jeroen Klijs further contributed a lecture each and tutorials for ITMC 2nd grade course Tourism Impact Studies. Harald also taught the 4th year ITMC course Sustainability in Tourism the Corporate Perspective to 17 4th year ITMC students. In this course students conducted a consultancy assignment for BookDifferent, looking at how this company could deploy carbon management to create value for business travellers.

Thesis assignments & apprenticeships

Supervisor	Student	Thesis title	Academy/ Institution
Eke Eijgelaar	Kristina Tschunkert	Truth claims: A critical analysis of dominant tourism development and labor discourse at Inle Lake, Myanmar	NHTV (ITMC)
Eke Eijgelaar	Eline Koppens	Nyaung Shwe: A small town in full development. An analysis of recent past, present, and possible futures	NHTV (ITMC)
Eke Eijgelaar	Pascalie Agnes	Reduce footprints now, ensure a path for tomorrow: A qualitative study into carbon management knowledge and practices of Dutch tour operators	NHTV (ITTI)
Eke Eijgelaar	Verena Höfer	The young hiking generation: Insights into the decision making process and its determinants	NHTV (ITTI)
Eke Eijgelaar	Olivia Perenboom	'Sustainable Dutch campervan tourism: Sustainability aspects & drivers for (un-) sustainable behavior'	NHTV (ITTI)
Jeroen Klijs	Juultje Blom	Eco-efficiency at TUI Nederland	BTO thesis
Paul Peeters	Anja Guijt	Calculating International Tourist Accommodation's Carbon Footprints	WUR, Master Program Environmental Sciences



study tourism at **ITMC**



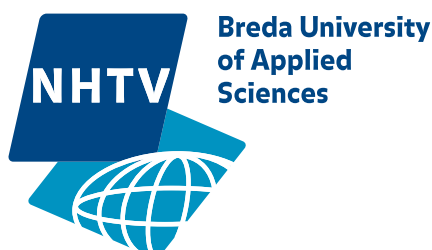
CSTT staff, website & other

CSTT has been increasing its news output, particularly internally at NHTV. In 2015, it contributed 10 posts on NHTV's daily Insight newsletter, and several more on the Academy for Tourism newsletter. Five news items were posted on the CSTT website (www.cstt.nl) apart from constant updating of new publications, conference and project information. Many publications are now also disseminated through several LinkedIn, academia.eu, ResearchGate and GoogleCitations profiles.

Employees working with CSTT in 2015 were: Rianne Nelemans, Eke Eijgelaar, Jeroen Nawijn, Martin Landré, Pieter Piket, Rob Bongaerts, Kim de Bruijn, Christa Barten, Jeroen Klijs, Harald Buijendijk, and Paul Peeters. Rianne Nelemans ended her work for CSTT per 31 December 2015. Martin officially retired from NHTV, but will remain available for CSTT.

In 2015, Jeroen Nawijn was appointed as editorial board member of the Journal of Travel Research. Jeroen refereed for Annals of Tourism Research, Current Issues in Tourism, Scandinavian Journal of Hospitality and Tourism, Tourism Management, Eke refereed for the Journal of Sustainable Tourism (JoST), Current Issues in Tourism, and Tourism Management. Paul refereed for Annals of Tourism Research, Sustainability, Tourism Geographies, Transport Research Part D and Transport review. Jeroen Klijs for Annals of Tourism Research.

CSTT activity related carbon emissions have been kept to a minimum, as all conference venues and business trips were made by train (except Paul who flew a single on his way back from Belfast for the T&E ICAO project).



www.cstt.nl



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