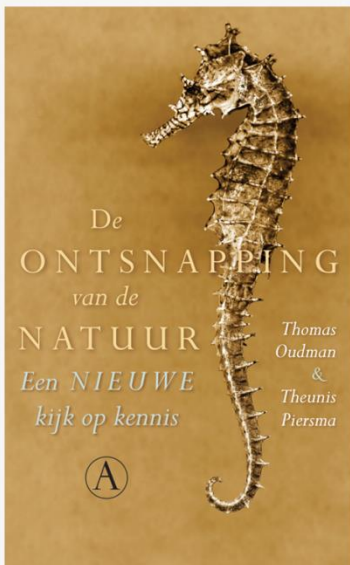


Report of the Chair in Global Flyway Ecology (July 2017 – July 2018) at the University of Groningen

New in 2017 / 2018:



Thomas Oudman and Theunis Piersma wrote "De Ontsnapping van de Natuur".

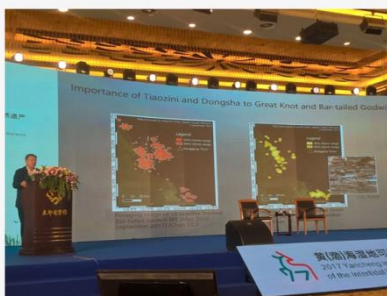
On 26 June 2018 the book was launched in Pakhuis de Zwijger, an event with very interesting and knowledgeable guests.

Publisher: Athenaeum - Polak & Van Gennep, Amsterdam

The theater show **The Conference of Birds** based on a handful of birds surviving an epic journey.

Part of King of the Meadows' program of the Leeuwarden-Friesland 2018 Culture Capitals of Europe events.

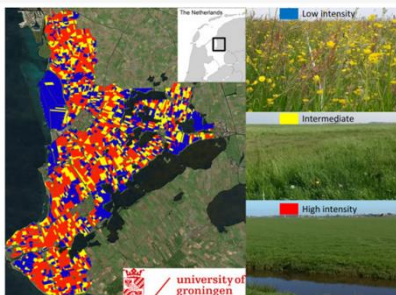
The Chair wrote text and advised the producers. He also wrote the foreword of program book "LF2018 Programma Kening fan 'e Greide: Het Fries landschap laat van zich horen!"



Research of the Global Flyway Ecology Chair and the Global Flyway Network (GFN) makes a conservation difference in China. Here Prof Lei Guangchun showing work of the RuG PhD student Ying Chi Chan work at the Yancheng IUCN meeting in December 2017

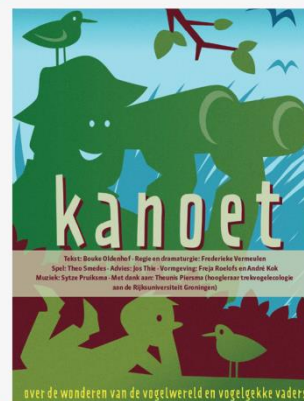
Marsh awards 2018

The Marsh Award for International Ornithology was awarded to Theunis Piersma for his work on migratory shorebirds, in particular Red Knot and Black-tailed Godwit.



Breakthrough: Radar derived land use intensity measure.

Journal of Applied Ecology article from Ruth Howison (with Theunis Piersma, Roos Kentie, Jos Hooijmeijer and Han Olff) launches a method that uses new radar satellite imagery to tracks agricultural land use intensity at landscape scale.



Kindertoneelstuk 'KANOET' van gezelschap Pier 21 en Garage TDI.

Piersma speelt zelf de afwezige vader in de voorstelling, die zo nu en dan over de telefoon wat van zich laat horen.

'Kanoet' is verder een solo-voorstelling. Acteur Theo Smedes speelt de rol van zoon Mients.

Preface - In this report I will look back at the activities carried out in July 2017–July 2018 of the Chair in Global Flyway Ecology, established at the University of Groningen in May 2012 in a covenant of the university with BirdLife Netherlands (VBN) and World Wildlife Fund Netherlands (WNF). Additionally, the Chair has continued the coordinated research and outreach activities around the globe under the international umbrella of the *Global Flyway Network* (GFN). GFN is an independent foundation by Dutch law, being funded separately from the Chair to carry out specific activities.

Overview

The period from July 2017 to July 2018 has been used for:

- Continue and develop of the portfolio of long-term **demographic studies on long-distance migrating shorebirds in several major flyways**, and embedding of the demographic studies in solid descriptive work on the ecological context in which the demographic changes take place. Knowing the vital rates is crucial to keep a close eye on the health of the populations, and to detect where in the annual cycle the bottlenecks occur before population collapse.

The magnitude of this undertaking has required the continued input of two Netherlands research institutes (RUG and NIOZ) and included several major projects that have independent financing: (1) **SIBES** (Synoptic Intertidal Benthic Surveys of the Wadden Sea, a programme so far funded by NIOZ and NAM), (2) **Godwit-demography**: the large-scale demography study of black-tailed godwits in southwest Fryslân that started in 2004 for the period 2017-2019 received major funding from the Province of Fryslân, (3) **Waakvogels**: in 2017 en 2018 much effort went in the process to work towards continuation of the funding of our long-term research programmes on red knots, bar-tailed godwits, sanderling, Eurasian spoonbills and brent geese, as established during *Metawad* (funding by Waddenfonds) to investigate the ecological processes explaining long-term changes in numbers and distribution of these characteristic long-distance migrants. The Common Wadden Sea Secretariat, Wilhelmshaven, Germany, stepped in to fund a one-year postdoc position for Dr Eldar Rakhimberdiev at NIOZ in 2017 to further analyse and publish data collected during *Metawad* and beyond. In June 2018 Gieskes-Strijbis Fund funded a project (2018-2022) which includes two fulltime postdoc and a technical positions over two years.

Continuation of the research on four species (red knot, great knot, bar-tailed godwit, black-tailed godwit) in the (4) **East Asian–Australasian Flyway**, the most threatened flyway in the world. The Australian Global Flyway Network team of volunteers coordinated by GFN’s Chris Hassell continued their work on the ground in NW Australia during the non-breeding season and in Bohia Bay, China, during northward migration. Using **solar-panelled**

satellite trackers we have now successfully tracked individual bar-tailed godwits for one to three subsequent years and great knots and black-tailed godwits for one to two full migrations to the breeding grounds. The trackers are applied in NW Australia and Bohai Bay and allow us to zoom in on the movements during stopovers along the southern China coasts, the Yellow Sea and inland China and Mongolia. **With this unique data we establish the scope for adaptation to the extremely rapid changes for mudflat-dependent migrant shorebirds in the Flyway.** This is done in close collaboration with Beijing Normal University, Fudan University-Shanghai and with continued funding from WWF-Netherlands (in collaboration with WWF-China), and funds from the MAVA foundation, with smaller contributions from BirdLife International. **In 2018 we have for the first time successfully tracked *piersmai* Red Knots from NW Australia to their breeding grounds on the New Siberian Islands.**

Research in West- Africa: (5) our work since 2002 at *Banc d'Arguin* in Mauritania continued on the basis of core-funding from NIOZ for the annual demographic efforts in December-January. (6) The *Bijagos Archipelago* in Guinea-Bissau is the focus of attentions in a project (2018-2022) funded by the MAVA foundation in collaboration with Guinean and Portuguese research institutions and colleagues from the RUG Conservation Ecology Group. (7) With support from BirdLife Netherlands we carried out some fieldwork in **Senegal** on the wintering Netherlands-breeding black-tailed godwits, with J. Hooijmeijer attending the black-tailed godwit seminar in Dakar.

- Continuation of our efforts to **inform and direct conservation policies with science** in China and The Netherlands. In this reporting period we (1) contributed to the national movement toward **nature-inclusive agriculture** and the restoration of biodiversity in agricultural landscapes, mainly in collaboration with the Frisian citizen initiative Kening fan 'e Greide/King of the Meadows, (2) in January 2018 in China **coastal land reclamation plans have been halted** and are being reconsidered, including ecological restoration of coastal habitats: [link to BirdLife International News](#). This is part of China's "Ecological civilization" policy launched under the leadership of President Xi Jinping. Colleagues of BirdLife International reported that the Chair's Forum article published in *Wader Study* in autumn 2017 on the fact that remaining intertidal areas in China have reached carrying capacity, was a crucial factor in rethinking existing and new land claim activities in China, and also contributed to the **nomination of protected areas** (IBA and World Heritage Sites) in China.
- **Public outreach** – The chairs has been involved in avenues of outreach. (1) Leeuwarden 2018 Culture Capital of Europe, especially *King of the Meadows* program Celebrating Diversity, which includes the theatre show The Conference of the Birds. (2) The children's play KANOET which will be performed at school throughout northern Netherlands in 2018/2019. For details see the section Media and outreach.

- Our **Master Course in Flyway Ecology** was held for 2nd from 16 October – 3 November 2017 at the University of Groningen.

Flyway Ecology Class 2017



Awards & nominations

1. **18 October 2017 – Marsh Award for International Ornithology.** The Marsh Award for International Ornithology was awarded to Theunis Piersma, of Groningen University and NIOZ, Royal Netherlands Institute of Sea Research, by the British Trust for Ornithology (BTO).
2. **18 July 2017 – Anita Andriesen Prijs voor ruimtelijke kwaliteit.** The citizen initiative 'Kening fan de Greide' was awarded the Anita Andriesen Prijs voor ruimtelijke kwaliteit. Theunis Piersma was one of the recipients.

Research activities

Over the reporting period July 2017–July 2018 the following PhD student were coached towards the completion of their PhD theses:

1. **Lodewijk van Walraven** (nationality: Dutch) “Flexible filter feeders. The gelatinous zooplankton community in the Netherlands after the invasion of the ctenophore *Mnemiopsis leidyi*” (1e promotor). Current appointment: Postdoctoral researcher, NIOZ, the Netherlands
2. **Janne Ouwehand** (nationality: Dutch) “Migration ecology of pied flycatchers” (2nd promotor)
Current appointment: Postdoctoral researcher, University of Groningen, the Netherlands.
3. **Thomas Oudman** (nationality: Dutch) “Red knot habits: an optimal foraging

perspective on intertidal life at Banc d'Arguin” (1e promotor).
Current appointment: Postdoctoral researcher, University of St Andrews, Scotland, UK.

4. **Lei Wei Pan (Leiming)** (nationality: Chinese) “The ecology of shorebirds using the Nanpu salt pond complex, Bohai Bay, China” (copromotor).
Current appointment: Postdoctoral researcher, Beijing Normal University, China.
5. **Jeroen Onrust** (nationality: Dutch) “Ecology of earthworms in agricultural grasslands” (1e promotor).
Current appointment: Researcher at Altenburg & Wymenga Ecological Consultants & University of Groningen, the Netherlands.
6. **Lucie Schmaltz** (nationality: French) “Population dynamics of ruffs and golden plovers” (1e promotor).
Current appointment: Free-lance research biologist.

The following thesis PhD projects are currently under way, and in various stages of advancement (from nearly complete, to just starting):

1. **Hong-Yan Yang (Nicky)** (nationality: Chinese) “Foraging ecology of red knots in Bohai Bay” (promotor).
Current appointment: Beijing Forestry University, China.
2. **Roeland Bom** (nationality: Dutch) “Feeding ecology of Crab Plovers at Barr el Hikman in Oman” Current appointment: NIOZ, the Netherlands.
3. **El-Hacen Moh. El-Hacen** (nationality: Mauritanian) “Nutrient limitation to the Banc d'Arguin ecosystem” (2e promotor).
Current appointment: Banc d'Arguin National Park (PNBA), Mauretania and University of Groningen, the Netherlands.
4. **Sidi Moh. Ould Cheikh** (nationality: Mauritanian) “Temporal dynamics of intertidal flats” (2e promotor).
Current appointment: Banc d'Arguin National Park (PNBA), Mauretania.
5. **Jeltje Jouta** (nationality: Dutch) “Trophic relations across the Wadden Sea revealed by stable isotope tracing” (1e promotor).
Current appointment: NIOZ, the Netherlands.
6. **Robert E. Gill** (nationality: United States) “How wind-systems affect the long-distance migrations of shorebirds” (promotor).
Current appointment: US Geological Survey, USA.
7. **Obe Brandsma** (nationality: Dutch) “Ecology of meadowbirds: observations and experiments” (promotor).
Current appointment: Province of Overijssel, the Netherlands.
8. **Jan van der Winden** (nationality: Dutch) “Migration ecology of piscivores” (promotor).
Current appointment: Self-employed.
9. **Mo Verhoeven** (nationality: Dutch) “Genesis of migration routines in back-tailed godwits: observational approaches” (promotor).

Current appointment: RUG, the Netherlands.

10. **Ying Chi (Ginny) Chan** (nationality: Chinese) “Exploration and migration in shorebirds along the East Asian flyway” (promotor).
Current appointment: RUG, with NIOZ, the Netherlands.
11. **Jelle Loonstra** (nationality: Dutch) “Genesis of migration routines in back-tailed godwits: experimental approaches” (promotor).
Current appointment: RUG, the Netherlands.
12. **Eva Kok** (nationality: Dutch) “Ontogeny of habitat choice in red knots: experimental and observational approaches” (promotor).
Current appointment: NIOZ, the Netherlands.
13. **Hebo Peng** (nationality: Chinese) “The food distribution and habitat choice of migratory shorebirds in a threatened staging area” (promotor).
Appointment: RUG, the Netherlands with NIOZ, the Netherlands.
14. **Bing Run Zhu** (nationality: Chinese) “Flyway structure, migration and habitat use of black-tailed godwits in China” (copromotor).
Current employment: Beijing Normal University.
15. **Emma Penning** (nationality: Dutch) “Habitat use of Sanderlings in staging on Griend in relation to food abundance and their wintering area” (promotor).
Appointment: RUG, the Netherlands, based at NIOZ, the Netherlands
16. **Sidi Yahya Lemrabott** (nationality: Mauritanian) “Population dynamics and ecological role of sharks and rays at Banc d’Arguin, Mauritania” (copromotor).
Current employment: IMROP, Nouadhibou, Mauritania.
17. **Sjoerd van Hasselt** (nationality: Dutch) “The ecology of sleep in long-distance migrating Brent *Branta bernicla*” (copromotor).
Appointment: RUG. Project together with Prof Peter Meerlo, RUG, and Dr Niels Rattenborg of the Max Planck Institute
18. **Mohammed Faza Henriques Baldé** (nationality: Guinea Bissauan) “The role of migratory shorebirds on trophic networks of a mangrove-influenced tropical intertidal ecosystem”(copromotor).
Appointment: University of Lisbon. Project together with Prof José Pedro Granadeiro and Dr Teresa Catry (Faculty of Sciences of the University of Lisbon)
19. **Ana Coelho** (nationality: Portuguese). “Winter biology and migration preparations of long-distance migrating shorebirds in the Bijagos Archipelago”. (copromotor)
Appointment: University of Aveiro with funding from MAVA. Project together with Dr Jose A. Alves, University of Aveiro, Portugal
20. **Pratik Rajan Gupte** (nationality: Indian) “Integrating short-term causes and long-term consequences of adaptations to environmental change” (cosupervisor)
Appointment: RUG (scholarship), the Netherlands
Supervisors: Prof Franjo Weissing (1st promotor), Prof Ton Groothuis (2nd promotor), Dr Allert Bijleveld (co-promotor)

Our own outreach channels are:

1. The website **Global Flyway Ecology – Team Piersma** (www.teampiersma.org). Here we summarize work of all researchers affiliated with the research groups of Theunis Piersma at the University of Groningen and the Royal NIOZ Netherlands Institute for Sea Research. This website has a blog teampiersma.org/blog, reporting news of our research in all flyways. The website had 4,587 visitors in 2017, and 4,142 visitors in the period Jan-July 2018.
2. Via the **Twitter account** [@globalflyway](https://twitter.com/globalflyway), we publicize recent publications, blogs from above website and related news. On 9 July 2018 the account had 1044 followers.
3. The website **Wadden Flyways** (www.waddenflyways.nl) is hosted by the Royal NIOZ. This website offers up-to-date information on our Track & Trace research of red knots and bar-tailed godwits in the East Atlantic Flyway (EAF) for a general audience. The website has a **blog** (both in Dutch and English) with stories about the birds and the researchers.

Fieldwork & expeditions

The Chair has personally participated in fieldwork activities in The Netherlands (various programmes) and furthermore participated in research in Banc d'Arguin, Mauritania (2 weeks) and China (1.5 weeks).

Fieldwork & expeditions reports

1. Hooijmeijer, J, Jager, T & **Piersma, T** 2017, Habitat use and observations of Black-tailed Godwits between the Saloum and Senegal river delta's. Global Flyway Network.

Lectures and presentations by the Chair

(Selection: details in Appendix 1)

- | | |
|-------------|--|
| 17-Sep-2017 | Invited plenary at the International Wader Study Group Conference 2017 : Pinning down an ever-moving target: establishing when and where migrant shorebird populations are bottlenecked |
| 23-Sep-2017 | Heimans en Thijssen Symposium : gesproken en muzikale performance over de grutto, de Kening fan 'e Greide |
| 5-Oct-2018 | TEDxFryslân . Theme To Dare Reality: Technology is not going to save us, ecology will! |
| 9-Oct-2017 | Avond van Wetenschap & Maatschappij : Trekvogels vertellen hoe het met onze aarde gaat |

- 07-Nov-2017 **Speaker in UACH-Facultad de Ciencias seminar “Global Flyway Ecology”**: Pinning down when and where migrant shorebird populations are bottlenecked
- 12-Nov-2017 **7th Western Hemisphere Shorebird Group Meeting**, Paracas, Peru: 'Ecological demographic studies' provide the empirical underpinning of shorebird population restoration strategies
- 2-Dec-2017 **Landelijke dag SOVON**: Huiszwaluwen, bedreigde vissers van het aero-plankton
- 22-Mar-2018 Lecture at **SOVON/FFF “De Avond van de Huiszwaluw”**: Huiszwaluwenonderzoek in Gaast
- 24-Apr-2018 Invited talk at **Flyway Summit** in Abu Dhabi: Connectivity of sites – tale of great knot and other shorebirds in EAAF
- 4-Jun-2018 Invited lecture at **SRON**: Mapping habitat and individual bird movement from space
- 11-Jun-2018 Invited lecture for **Waterschappen**: Diepe wateren, stille gronden
- 20-Jun-2018 Lecture during **Oerol Kunst & Wetenschap event**: Arts & Science
- 21-Jun-2018 Invited lecture at **Michael-Otto-Institut im NABU (MOIN)**: Meadow bird conservation research as the basis of political decision making
- 22-Jun-2018 Evening lecture at Michael-Otto-Institut im NABU (MOIN): King of the Meadows

Publications (2017-2018)

Books / Book chapters

1. Oudman, T & **Piersma, T** 2018, *De Ontsnapping van de Natuur: Een nieuwe kijk op kennis*. Athenaeum - Polak & Van Genneep, Amsterdam.
2. **Piersma, T** 2017, Wat vertellen trekvogels ons over de staat van het klimaat? in B de Graaf & A Rinnooy Kan (eds), *Hoe zwaar is licht: Meer dan 100 dringende vragen aan de wetenschap*. Balans, Amsterdam, pp. 230-232.

Professional publications

3. Bos, D, Kentie, R, Hoekstra, GK, van der Heide, Y, Wymenga, E, Hoekema, F, Hooijmeijer, J & **Piersma, T** 2017, 'Effecten van habitatverlies op grutto en andere weidevogels' *De Levende Natuur*, vol 118, no. 2, pp. 40-46.
4. Kentie, R, Hooijmeijer, J, van der Velde, E & **Piersma, T** 2017, *De Grutto Monitor 2016*: De vinger aan de pols van de grutto-populatie met een actueel overzicht van de demografische parameters op basis van langjarig veldonderzoek in Súdwest Fryslân. University of Groningen.

5. Oudman, T, Schekkerman, H, Kidee, A, Roomen, MV, Tentij, M & **Piersma, T** 2017, *The waterbirds of Parc National du Banc d'Arguin*: Evaluation of all complete winter counts, workshop proceedings, and a future perspective. Programme towards a Rich Wadden.

Popular publications

6. **Piersma, T** 2017, 'Opvetten en afvallen' Vogels+.
7. **Piersma, T** 2017, Voorwoord bij 'Wonderlijk Friesland': De ogen van nu. in *Wonderlijk Friesland in vier seizoenen*. Vereniging van Natuurfotografen (VNF) - Friesland.
8. **Piersma, T** 2018, Voorwoord bij 'Lang zullen we ronddraaien' - Nieuwsjaarconcert: Het epos van de grutto. in *'Lang zullen we ronddraaien' - programmaboekje Nieuwsjaarconcert - Nederlands Blazers Ensemble*. Het Nederlands Blazers Ensemble.
9. **Piersma, T** 2018, Voorwoord bij 'Het Fries landschap laat van zich horen!': Grutto, boodschapper van boer, burger en natuur. in *Het Fries landschap laat van zich horen!*. Kening fan 'e Greide.

Editorials & review articles

10. **Piersma, T** 2017, 'The evolution of beauty: How Darwin's forgotten theory of mate choice shapes the animal world – and us' *Ardea*, vol 105, no. 2, pp. 169-170.
11. **Piersma, T** 2018, 'Ornithology from the Flatlands: The logic of asking questions' *Ardea*, vol 106, no. 1, pp. 1-3. DOI: 10.5253/arde.v106i1.a0

Scientific papers (2017-2018)*

* In alphabetical order per year; overlap with last year's report may exist because papers are selected by calendar year

2017

1. Brandsma, OH, Kentie, R & **Piersma, T** 2017, 'Why did Lapwings *Vanellus vanellus* in managed habitat advance egg laying during a period without warming early springs?' *Ardea*, vol 105, no. 1, pp. 19-26. DOI: 10.5253/arde.v105i1.a7
2. Bulla, M, Oudman, T, Bijleveld, AI, **Piersma, T** & Kyriacou, CP 2017, 'Marine biorhythms: bridging chronobiology and ecology' *Philosophical Transactions of the Royal Society of London. Series B: Biological Sciences*, vol 372, no. 1734, 20160253. DOI: 10.1098/rstb.2016.0253
3. Christianen, MJA, Middelburg, JJ, Holthuijsen, SJ, Jouta, J, Compton, TJ, van der Heide, T, **Piersma, T**, Sinninghe Damsté, JS, van der Veer, HW, Schouten, S & Olf, H 2017, 'Benthic primary producers are key to sustain the Wadden Sea

food web: Stable carbon isotope analysis at landscape scale' *Ecology*, vol 98, no. 6, pp. 1498-1512. DOI: 10.1002/ecy.1837

4. Compton, TJ, Holthuijsen, S, Mulder, M, van Arkel, M, Schaars, LK, Koolhaas, A, Dekinga, A, ten Horn, J, Luttikhuisen, PC, van der Meer, J, **Piersma, T** & van der Veer, HW 2017, 'Shifting baselines in the Ems Dollard estuary: A comparison across three decades reveals changing benthic communities' *Journal of Sea Research*, vol 127, pp. 119-132. DOI: 10.1016/j.seares.2017.06.014
5. Conklin, JR, Senner, NR, Battley, PF & **Piersma, T** 2017, 'Extreme migration and the individual quality spectrum' *Journal of Avian Biology*, vol 48, no. 1, pp. 19-36. DOI: 10.1111/jav.01316
6. Eriksson, BK, Westra, J, van Gerwen, I, Weerman, E, van der Zee, E, van der Heide, T, van de Koppel, J, Olff, H, **Piersma, T** & Donadi, S 2017, 'Facilitation by ecosystem engineers enhances nutrient effects in an intertidal system' *Ecosphere*, vol 8, no. 12, e02051. DOI: 10.1002/ecs2.2051
7. Gutiérrez, JS, Rakhimberdiev, E, **Piersma, T** & Thieltges, DW 2017, 'Migration and parasitism: Habitat use, not migration distance, influences helminth species richness in Charadriiform birds' *Journal of Biogeography*, vol 44, no. 5, pp. 1137-1147. DOI: 10.1111/jbi.12956
8. Helm, B, Visser, ME, Schwartz, W, Kronfeld-Schor, N, Gerkema, M, **Piersma, T** & Bloch, G 2017, 'Two sides of a coin: Ecological and chronobiological perspectives of timing in the wild' *Philosophical Transactions of the Royal Society of London. Series B: Biological Sciences*, vol 372, no. 1734. DOI: 10.1098/rstb.2016.0246

PHILOSOPHICAL TRANSACTIONS OF THE ROYAL SOCIETY B
BIOLOGICAL SCIENCES

Wild clocks: integrating chronobiology and ecology to understand timekeeping in free-living animals

A theme issue compiled and edited by William J Schwartz, Barbara Helm and Menno P Gerkema
Published October 2017



THE ROYAL SOCIETY PUBLISHING

About this issue

The critical significance of biological timekeeping is becoming broadly recognized in society, but a deep understanding has been hindered by largely non-overlapping research of chronobiologists and ecologists. Chronobiologists have been analysing the mechanisms of internal timekeeping within organisms, especially on the daily (circadian) scale, and the responses of such "clocks" to light and darkness, whereas ecologists are centrally concerned with a holistic view of organisms in their natural environments.

This theme issue aims to bridge this dichotomy by bringing together ecologists and chronobiologists. Jointly, they synthesize a broad range of topics relating to patterns and mechanisms of biological time-keeping in the context of its natural setting. The theme issue seeks to highlight new advances and approaches that can address the interdependence of chronobiology and ecology, placing the "clock" as an integral part of adaptation, differentiation and evolution of organisms.

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Front image: Vocalizing rock Svalbard ptarmigan (Lagopus muta hyperborea) in winter plumage, illustrating key points of Wild Clock research. Image © Slg Brandeb, UI – The Arctic University of Norway.

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9. Jouta, J, Dietz, MW, Reneerkens, J, **Piersma, T**, Rakhimberdiev, E, Hallgrímsson, GT & Pen, I 2017, 'Ecological forensics: Using single point stable isotope values to infer seasonal schedules of animals after two diet switches' *Methods in ecology and evolution*, vol 8, no. 4, pp. 492-500. DOI: 10.1111/2041-210X.12695
10. Karagicheva, J, Rakhimberdiev, E, Saveliev, A & **Piersma, T** 2018, 'Annual chronotypes functionally link life histories and life cycles in birds' *Functional Ecology*, DOI: 10.1111/1365-2435.13181
11. Kentie, R, Marquez-Ferrando, R, Figuerola, J, Gangoso, L, Hooijmeijer, JCEW, Loonstra, AHJ, Robin, F, Sarasa, M, Senner, N, Valkema, H, Verhoeven, MA & **Piersma, T** 2017, 'Does wintering north or south of the Sahara correlate with timing and breeding performance in black-tailed godwits?' *Ecology and evolution*, vol 7, no. 8, pp. 2812-2820. DOI: 10.1002/ece3.2879
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External functions

- Chairman of the *Global Flyway Network*, an international foundation
- Member of KNAW, Amsterdam
- Member of KHMW, Haarlem
- Editor-in-Chief of *Ardea* (from January 2014)

- Editorial board of *Journal of Ornithology*
- Editorial board of *Movement Ecology*
- Editorial board of *Emu*
- Editorial board of *Science and Development*, journal of the University of Ghana College of Basic and Applied Sciences

Donations

Fundraising efforts of Ubbo Emmius Foundation

The UEF has initiated a crowdfunding for research on satellite-tagged Black-tailed Godwits. Details of can be found at <https://www.RUGsteunt.nl/project/grutto>.

In spring 2018 an anonymous donation of €400,000 was made to UEF to support the godwit research in Friesland.



Safeguarding future godwits.

Djurra van Dijk, daughter of Auke van Dijk, owner of the Klompepleats in Nijhuizum, Friesland.
Photo: Riemer Miedema

Plans for 2018–2019

Gaining and sharing knowledge in 2018–2019

- Continue the demographic programmes worldwide with the aim to ‘catch the culprit in the act’ (i.e. documenting demographic change as the problems occur, as it is near-impossible to collect the conservation evidence with hindsight).
- Solve funding issues for this long-term work, especially the tracking components.
- Make the fieldwork productive by new analyses and publications.

Education planned 2018–2019

Since 2015, we offer high-profile education in the research field of global flyway ecology through a 3-week Flyway Ecology course, which is part of the international Master of Science education at the University of Groningen.

The course open to students in the RUG Ecology and Evolution MSc programme and Biology MSc programme, and as well to students of other (international) MSc programmes. The goal of the course is to introduce a new generation of biologists to the world of flyway ecology, to reach a level of understanding in this research field that will allow students to ask new study questions and develop societally relevant research programs integrating available ecological and evolutionary knowledge.

A new development is that, together with three other MSc courses, the Flyway Ecology course forms the body of a new MSc track “Ecology & Conservation” at the University of Groningen. This track offers (international) students to specialize in conservation ecology. The MSc track was developed by Prof. dr. ir. Chris Smit, Prof. dr. ir. Christiaan Both and Prof. dr. Han Olff and dr. ir. Raymond Klaassen. In the academic year 2017/2018 all ingredients for this new track were already available, but it has its official start in the academic year 2018/2019. In December 2018 the Chair will teach Flyway Ecology for the 3rd time.

In summary

Clearly, building on the organisational strengthening and outreach, it is now becoming apparent that new and hopefully longer-term funding is warranted to make sure the entire research, education and outreach portfolio associated with the Chair will maintain its strength, and help contribute to safe-guarding the future of the amazing marathon migrants under study.

Appendices

Content

Appendix 1. Activities July 2017–July 2018

Activities are ordered by activity type:

- Cultural activities
- Invited lectures
- Social media activities

Appendix 2. Press clippings and media interviews July 2017–July 2018

Press and media is ordered by topic:

- **Books** (1-9)
- **Prices/awards** (10-21)
- **Theater** 22-31)
- **Research** (32-79)
- **Various RADIO/TV** (80-86)
- **Various printed media** (87-94)
- **Research in societal debates** (95-116)

Appendix 1

Activities July 2017–July 2018

Cultural activities

1. Contributions to Celebrating Diversity: LF2018 Program King of the Meadow 2018

Period: 01/01/2017 → 31/12/2018, Leeuwarden, Netherlands

- Foreword by program book “LF2018 Program King of the Meadow 2018: Het Fries landschap laat van zich horen!”
- Text and advisory role for show “Conferenc of Birds”

Related event: King of the Meadow program LF 2018, Netherlands

Related external organisation: Leeuwarden-Fryslân LF2018: Cultural Capitals of Europe

Link: <https://kingofthemeadows.eu/programma2018/>

2. Onderzoeksexpositie: Je leert nog eens wat in Waddenstad

Period: 12-Apr-2017 → 31-Dec-2017

Related external organisation: Ecomare Texel, Netherlands

Link: <http://www.ecomare.nl/dieren-van-ecomare/weblog-dierverzorging/weblog/news/welkom-in-waddenstad/>

3. Foreword for the program brochure of *Nieuwjaarsconcert van Nederlands Blazer Ensemble*

Period: 1-Jan-2018 → 3-Jan-2018

Related event: Nieuwjaarsconcert van Nederlands Blazer Ensemble: Lang zullen we ronddraaien, Netherlands

Link: <https://www.kingofthemeadows.eu/nieuwjaarsconcert-2018-kening-fane-greide-king-the-meadows-trapt-lf2018-af/>

4. (Digital) role in Pier21 theater play "KANOET": touring schools throughout 2018 and 2019

Period: 2018 → 2019

Related external organisation: Stichting Pier21, Netherlands

Link: <http://www.pier21.nl/page/actueel/kanoet/>

Invited lectures

1. Invited plenary: Pinning down an ever-moving target: establishing when and where migrant shorebird populations are bottlenecked

Period: 17-Sep-2017

Related event: International Wader Study Group Conference 2017, Prague, Czech Republic

With Eldar Rakhimberdiev

Link: http://www.waderstudygroup.org/wp-content/uploads/2016/10/Prague2017_abstracts.pdf

2. Gesproken en muzikale performance over de Grutto, de Kening fan ‘e Greide (de koning van het weiland)

Period: 23-Sep-2017

Related event: Heimans en Thijsse Symposium

With Sytze Pruiksma

Link: <http://www.heimansenthijssestichting.nl/>

3. TEDxFryslân talk: Technology is not going to save us, ecology will!

Period: 5-Oct-2018

Related event: TEDxFryslân; Theme: To Dare Reality

Links: <https://www.ted.com/tedx/events/22559> & https://www.youtube.com/watch?v=s6cbN_DR8FA&index=8&list=PL_iEG7_TDIHLVDArG9QIoAp-LHG8q8_Jr&t=0s (YouTube registration)

4. Trekvogels vertellen hoe het met onze aarde gaat

Period: 9-Oct-2017

Related event: Avond van Wetenschap & Maatschappij: Uitreiking Huibregtsenprijs 2017, The Hague, Netherlands

Link: <http://www.avondwenm.nl/>

5. Speaker in UACH-Facultad de Ciencias seminar "Global Flyway Ecology": Pinning down when and where migrant shorebird populations are bottlenecked

Period: 07-Nov-2017

Related external organization: Universidad Austral de Chile, Chile

Links: <http://sitiosciencias.uach.cl/estudiantes-y-academicos-compartieron-importantes-conocimientos-en-seminario-global-flyway-ecology/> & <http://sitiosciencias.uach.cl/realizaran-seminario-internacional-para-discutir-acerca-de-las-rutas-migratorias/>

6. 'Ecological demographic studies' provide the empirical underpinning of shorebird population restoration strategies

Period: 10-Nov-2017 → 14-Nov-2017

Related event: 7th Western Hemisphere Shorebird Group Meeting, Paracas, Peru

Link: <http://www.corbidi.org/whsg-english.html>

7. Invited lecture at Landelijke dag SOVON: Huiszwaluwen, bedreigde vissers van het aero-plankton

Period: 2-Dec-2017

Related event: Landelijke dag SOVON 2017, Ede, Netherlands

Links: <https://www.sovon.nl/nl/content/programma-landelijke-dag-2017>

8. Beschouwing over thema's uit de bundel "Hier ligt de zee"

Period: 10-Dec-2017

Related event: Book presentation of "Hier ligt de zee". Essays over taal, kunst, landschap en Friese identiteit, Gorredijk, Netherlands

9. Invited lecture at SOVON/FFF: Huiszwaluwenonderzoek in Gaast

Period: 22-Mar-2018

Related event: De Avond van de Huiszwaluw: Voorjaarsbijeenkomst Sovon/FFF, Grou, Netherlands

Links: <https://www.sovon.nl/nl/actueel/agenda/sovonfff-voorjaarsbijeenkomst-de-avond-van-de-huiszwaluw> & <https://www.sovon.nl/sites/default/files/doc/PDF-jes/uitnodiging-voorjaarsbijeenkomst-sovonfff-22mrt2018.pdf> & <https://www.sovon.nl/nl/actueel/nieuws/bomvolle-zaal-voor-de-huiszwaluw> (Report)

10. Invited talk at Flyway Summit in Abu Dhabi: Connectivity of sites – tale of great knot and other shorebirds in EAAF

Period: 24-Apr-2018

Related external organization: BIRDLIFE International

Link: https://www.birdlife.org/sites/default/files/flyways_lores.pdf (Plenary talk in session: Conserving critical networks of coastal wetlands for migratory waterbirds)

11. Invited lecture at SRON (space science): Mapping habitat and individual bird movement from space

Period: 4-Jun-2018

Related external organization: SRON Netherlands Institute for Space Research, Utrecht, Netherlands

Links: <https://www.sron.nl/events> (SRON Internal Conference; SRON is the Dutch national expertise institute for scientific space research. Event on Monday 04 June 2018 - Tuesday 05 June 2018)

12. Invited lecture for "Waterschappen": Diepe wateren, stille gronden

Period: 11-Jun-2018

Related event: Bestuurdersdag van de Unie van Waterschappen 2018, Leeuwarden, Netherlands

Link: <https://www.onswater.com/2018/06/3833/>

13. Lecture during Oerol Kunst & Wetenschap event: Arts & Science

Period: 20-Jun-2018

Related external organization: Oerol, Netherlands

Link: <http://oerol.nl/english/what-is-oerol/>

14. Invited lecture at Michael-Otto-Institut im NABU (MOIN): Meadow bird conservation research as the basis of political decision making

Period: 21-Jun-2018

Related external organisation: Michael-Otto-Institut im NABU (MOIN), Germany

Link: <https://www.nabu.de/news/2018/06/24687.html>

15. Invited lecture at Michael-Otto-Institut im NABU (MOIN): King of the Meadows

Period: 22-Jun-2018

Related external organisation: Michael-Otto-Institut im NABU (MOIN), Germany

Link: <https://www.nabu.de/news/2018/06/24687.html> (Evening lecture given during 25 year anniversary event of MOIN).

Social media activities

1. Hosting TeamPiersma website and blog

Period: 1-Apr-2017 → ...

2. Hosting @GlobalFlyway twitter account

Period: 1-Apr-2017 → ...



Appendix 2

Press clippings and media interviews July 2017–July 2018

Press/Media (report made in Pure. 9/07/18 16:55)

BOOKS

Theunis Piersma's book published in English: 'Sweltsjes fan Gaast' are now 'Guests of Summer'

26/03/2016 → 01/10/2017

Description

The English translation is called *Guests of Summer* and is published by BTO.

In the media (4)

1. Review in De Vogelwarte: Guests of Summer - A House Martin love story
01/10/2017
Vogelwarte (International), Franz Barlein
2. Guests of Summer: a House Martin love story
30/08/2016
British Birds (International), Angela Turner
<https://britishbirds.co.uk/article/guests-summer-house-martin-love-story/>
3. Bank Holiday Monday book review – Summer's Guests by Theunis Piersma
02/05/2016
Mark Avery - Blog (International)
<http://markavery.info/2016/05/02/bank-holiday-monday-book-review-summers-guests-theunis-piersma/>
4. Boek Theunis Piersma verschijnt in het Engels
26/03/2016
Friesch Dagblad
http://www.rug.nl/research/gelifes/ceg/_media/frieschdagblad_26032016.jpg

Press and reviews for book "De Ontsnapping van de Natuur" (Uitgeverij Atheneum)

Thomas Oudman & Theunis Piersma

22/06/2018 → 30/06/2018

Description

Press and reviews for the "De Ontsnapping van de Natuur" (The Escape of Nature), by Thomas Oudman and Theunis Piersma (Publisher: Uitgeverij Athenaeum).

In the media (5)

5. De ont-snapping van de natuur (The Escape of Nature)
30/06/2018
Nieuwsweekend NPO Radio1 (National), Netherlands, Radio, Mieke de Weij
<https://www.nporadio1.nl/nieuwsweekend/onderwerpen/461631-de-ont-snapping-van-de-natuur>
6. Video recording book launch "De ontsnapping van de natuur. Een nieuwe kijk op kennis"
26/06/2018
Website Pakhuis de Zwijger (National), Netherlands, Web, Quirine Winkler / Evanne Nowak
<https://dezwijger.nl/programma/de-ontsnapping-van-de-natuur>
7. Hoe meer we over de natuur weten, hoe minder we snappen; twee biologen leggen uit waarom dat niet erg is

23/06/2018

Trouw (National), Netherlands, Print, Willem Schoonen

<https://www.trouw.nl/groen/hoe-meer-we-over-de-natuur-weten-hoe-minder-we-snappen-twee-biologen-leggen-uit-waarom-dat-niet-erg-is~a63df7b2/>

8. Iedereen aan de slag om de landbouw te veranderen

22/06/2018

Friesch Dagblad (Regional), Netherlands, Print, Theo Klein

<https://www.frieschdagblad.nl/>

9. Wetenschap kan ons niet vertellen wat waarde heeft. Dat moeten we zelf doen

23/06/2018

De Correspondent (National), Netherlands, Web, Thomas Oudman

<https://decorrespondent.nl/8424/wetenschap-kan-ons-niet-vertellen-wat-waarde-heeft-dat-moeten-we-zelf-doen/674925657120-2a67d54c>

Dit is een aangepast hoofdstuk uit het boek 'De ontsnapping van de natuur' van Thomas Oudman en Theunis Piersma, dat op dinsdag 26 juni verschijnt bij Uitgeverij Athenaeum. Op diezelfde dag gaan de auteurs in gesprek over het boek in Pakhuis de Zwijger in Amsterdam.

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HOME AGENDA MAGAZINE DOSSIERS EETCAFÉ ZAALVERHUUR OVER POZ*

GLOBAL TRENDS

De ontsnapping van de natuur

Een nieuwe kijk op kennis.

DEEL TWIET REAGEER



We hebben tegenwoordig zo'n grote invloed op de natuur dat we vernietigen wat we niet actief beschermen. En de natuur is zo complex dat we haar nooit helemaal zullen doorgronden. Kunnen we wel beschermen wat we niet kennen? In hun boek 'De ontsnapping van de natuur' komen Thomas Oudman en Theunis Piersma met voorbeelden van problemen die juist verergeren door te denken dat we alles kunnen weten. Wat zijn de gevolgen, en hoe kan het anders? De auteurs en het publiek gaan in gesprek met wetenschapsfilosoof Trudy Dehue (RUG), antropoloog Amade M'charek (UvA), historica Hinke Piersma (NIOD) en filosoof Johan van de Gronden (voorheen directeur Wereld Natuur Fonds, nu Koningin Wilhelmina Kankerfonds).

Met in dit programma onder anderen

| | | | |
|---|---|---|--|
|  <p>Theunis Piersma Ornitholoog en Sprinzenprijwinnaar</p> |  <p>Thomas Oudman Geschiedkundige bij het NIOD en de Universiteit van St. Andrews</p> |  <p>Trudy Dehue Hoogleraar wetenschapsgeschiedenis en wetenschapsgeschiedenis aan de Universiteit Groningen</p> |  <p>Amade M'charek Professor Anthropology of Science at the Department of Anthropology of the University of Amsterdam</p> |
|  <p>Johan van de Gronden Voorheen directeur Wereld Natuur Fonds, nu Koningin Wilhelmina Kankerfonds</p> |  <p>Hinke Piersma Senior onderzoeker NIOD</p> | | |

PRICES / AWARDS

Prijs voor ruimtelijke kwaliteit gaat naar Kening fan 'e Greide

18/07/2017 → 19/07/2017

Description

De driejaarlijkse Anita Andriesenprijs bestaat uit een zilveren trofee en een geldbedrag, dat de winnaar in lijn met zijn oeuvre mag besteden om het belang van ruimtelijke kwaliteit uit te dragen.

In the media (3)

10. Kening fan de Greide wint Anita Andriesen prijs
19/07/2017
RTV NOF, Radio
<http://www.rtvnof.nl/kening-fan-greide-wint-anita-andriesen-prijs/>
11. 'Kening fan de Greide' wint Anita Andriesen Priis
18/07/2017
Omrops Fryslân, Radio
<http://www.omropfryslan.nl/nijs/733535-kening-fan-de-greide-wint-anita-andriesen-priis>
12. Prijs voor ruimtelijke kwaliteit gaat naar Kening fan 'e Greide
18/07/2017
Leeuwarder Courant, Print
<http://www.lc.nl/friesland/Prijs-voor-ruimtelijke-kwaliteit-gaat-naar-Kening-fan-%E2%80%99e-Greide-22369778.html>

Theunis Piersma wins British Marsh Award for International Ornithology for his research on migratory birds

19/10/2017 → 23/10/2017

Description

The Marsh Award for International Ornithology was awarded to Theunis Piersma for his work on shorebirds, in particular Red Knot and Black-tailed Godwit.

In the media (9)

13. Theunis Piersma wint Britse ornithologie prijs
23/10/2017
BNN-VARA Vroege Vogels (National), Netherlands, Radio
<https://vroegevogels.bnnvara.nl/nieuws/theunis-piersma-wint-britse-ornithologie-prijs>
14. Theunis Piersma krijgt Britse prijs
20/10/2017
Friesch Dagblad (Regional), Netherlands, Print
15. Marsh Award for International Ornithology to Theunis Piersma
20/10/2017
Tattler (National), Western Australia, Australia, Print
<http://awsg.org.au/tattler/Tattler-45.pdf>
16. Theunis Piersma wint Britske priis foar trekfûgelûndersyk
19/10/2017
Omrop Fryslân (Regional), Netherlands, Television
<https://www.omropfryslan.nl/nijs/764751-theunis-piersma-wint-britske-priis-foar-trekfugelundersyk>
17. Internationale prijs voor ecooloog Theunis Piersma
19/10/2017
Oog TV (Regional), Netherlands, Television, Gert van Akkeren
<https://www.oogtv.nl/2017/10/internationale-prijs-voor-ecoloog-theunis-piersma/>
18. Trekvoegecoloog Theunis Piersma van de Rijksuniversiteit Groningen wint prestigieuze prijs
19/10/2017

- Dagblad van het Noorden (Regional), Netherlands, Print, Bas van Sluis
<http://www.dvhn.nl/groningen/Trekvoegecoloog-Theunis-Piersma-van-de-Rijksuniversiteit-Groningen-wint-prestigieuze-prijs-22590377.html>
19. Groningse hoogleraar krijgt Britse onderzoeksprijs
19/10/2017
RTV Noord (Regional), Netherlands, Radio
<https://www.rtvnoord.nl/nieuws/184940/Groningse-hoogleraar-krijgt-Britse-onderzoeksprijs>
20. Theunis Piersma wint Britse prijs voor trekvogelonderzoek
19/10/2017
Leeuwarder Courant (Regional), Netherlands, Print
<http://www.lc.nl/friesland/Theunis-Piersma-wint-Britse-prijs-voor-trekvogelonderzoek-22590412.html>
21. Dilys Breese and Marsh Awards 2017
19/10/2017
BTO news (International), United Kingdom, Web
<https://www.bto.org/news-events/news/2017-10/dilys-breese-and-marsh-awards-2017>



THEATER

Publicity on TRACKS - Theater performance by Theunis Piersma, Sytze Pruikma en Jos Thie (Pier21)

10/06/2017 → 04/08/2017

Description

During the performing arts festival Oerol Theunis Piersma and Sytze Pruikma performed the show TRACKS (19 times between 9-17 June 2017). Direction by Jos Thie from PIER21. Various media reported on the show and the Theaterkrant published a raving review (five stars).

In the media (7)

22. Boerendilemma's in onschuldig groen weiland
04/08/2017
Theaterkrant, Kester Freriks
<https://www.theaterkrant.nl/recensie/koning-van-het-grasland/toneelgroep-jan-vos-pier21/>
23. Zo gek als een grutto
17/06/2017
Friesch Dagblad, Jeannet Bijleveld
<https://twitter.com/jbijleveld/status/875999362425516032>
24. Kees Lesuis en Tracks fan Pier21 op Oerol
14/06/2017
Omrop Fryslân, Kees Lesuis
<http://www.omropfryslan.nl/nijns/725547-fideo-kees-lesuis-en-tracks-fan-pier21-op-oerol>
25. Een geluid dat doordringt
13/06/2017
Cultuurpodium Online, Netherlands
Youetta Visser met foto's van Mieke Kreunen
<http://cultuurpodiumonline.nl/2017-06-13/een-geluid-dat-doordringt>
26. Blik op dampkring en grutto
10/06/2017
Leeuwarder Courant (Regional), Kirsten van Santen
<https://www.lc.nl/cultuur/Oerel-Blik-op-dampkring-en-grutto-22277192.html>
27. Briljant muzikaal hoorcollege over steltlopers
10/06/2017
Theaterkrant, Kester Freriks
<https://www.theaterkrant.nl/recensie/tracks/pier21/>
28. Opium - De Idealisten
14/06/2017
Opium (AVROTROS), Andrea van Pol
<http://www.radio4.nl/opiumop4/uitzending/523869/opium-op-oerol>

Theater play KANOET: In the media

Theo Smedes & Theunis Piersma

17/04/2018 → 05/06/2018

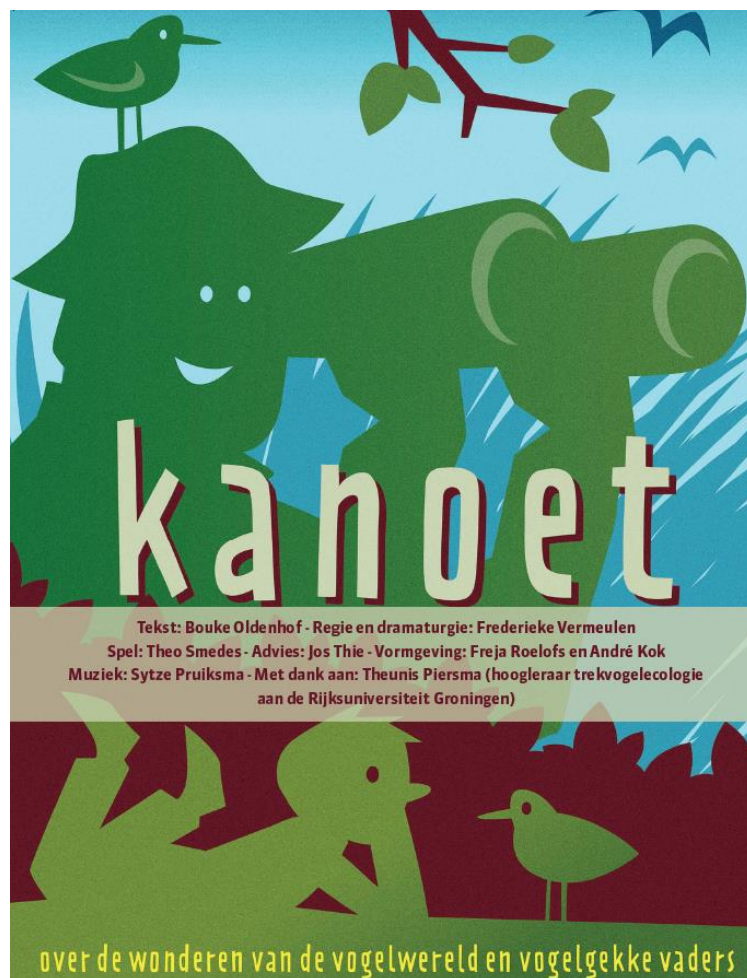
Description

Kindertoneelstuk 'Kanoet' van gezelschap Pier 21 en GarageTDI. Piersma speelt zelf de afwezige vader in de voorstelling, die zo nu en dan over de telefoon wat van zich laat horen. 'Kanoet' is verder een solo-voorstelling. Acteur Theo Smedes speelt de rol van zoon Mients.

In the media (3)

29. Kanoetles knarst en charmeert tegelijk
05/06/2018
Leeuwarder Courant, Netherlands, Kirsten van Santen

- <https://journa.com/article/YkrbyfBg8msDZL8AzkiOAMKJBZAo3zoBFfB85MIVc4U>
30. Toneelstuk over Waddenvogel kanoet in première in Tytsjerk
04/06/2018
Omrop Fryslân (Regional), Netherlands, Television
<https://www.omropfryslan.nl/njts/818234-toanielstik-oer-waadfugel-mients-yn-premjere-yn-tytsjerk>
31. Mient moet het ineens zelf doen
17/04/2018
Leeuwarder Courant (Regional), Netherlands, Print, Jantien de Boer
<http://www.lc.nl/friesland/Mient-moet-het-ineens-zelf-doen-23096687.html>



RESEARCH

Research on Eurasian Spoonbills in the news in 2017 & 2018

Petra Goeij, de, Tamar Lok & Theunis Piersma

07/08/2017 → 02/06/2018

In the media (7)

32. It giet wer better mei de leppelbekken op Skiermûntseach
02/06/2018
Omrop Fryslân (Regional), Radio, Joyce Kranenborg
<https://www.omropfryslan.nl/nijs/816099-it-giet-wer-better-mei-de-leppelbekken-op-skiermuntseach>
Petra de Goeij
33. Het gaat weer beter met de lepelaars op Schiermonnikoog
01/06/2018
RTV Noord (Regional), Television, Joyce Kranenborg / Jeroen Berkenbosch
<https://www.rtvnoord.nl/nieuws/194799/Het-gaat-weer-beter-met-de-lepelaars-op-Schiermonnikoog>
Petra de Goeij & Tamar Lok
34. Vroege Vogels - De lepelaar van het Markiezaat
26/04/2018
Vroege Vogels (National), Television
<https://vroegevogels.bnnvara.nl/nieuws/de-lepelaar-van-het-markiezaat>
Tamar Lok gaat met Vroege Vogels het veld in.
35. Amelân; in eilân yn beweging
24/12/2017
Fryslân Dok (National), Television
<https://www.omropfryslan.nl/utstjoering/fryslan-dok-fan-24-desimber-2017-1700>
<https://omrop.fr/3HZo>
Petra de Goeij
36. 'Dramatisch' broedseizoen voor lepelaars op Schiermonnikoog
07/08/2017
NOS (National), Netherlands, Radio
<https://nos.nl/artikel/2186858-dramatisch-broedseizoen-voor-lepelaars-op-schiermonnikoog.html>
Petra de Goeij
37. De lepelaar heeft het moeilijk op de Wadden
07/08/2017
Trouw (National), Print, Saskia Berends
<https://www.trouw.nl/home/de-lepelaar-heeft-het-moeilijk-op-de-wadden~a1741090/>
Petra de Goeij
38. Stay-at-home strategy brings fitness benefits to migrants
10/08/2017
Journal of Animal Ecology: In Focus (International), James J. Gilroy
<http://onlinelibrary.wiley.com/doi/10.1111/1365-2656.12717/full>
Publicity for paper "An age-dependent fitness cost of migration?" in Journal of Animal Ecology

Publicity in 2017 and 2018 about research on House Martins and "Jaar van de Huiszwaluw"

27/11/2017 → 01/07/2018

Description

Publicity includes:

- video interview with Theunis Piersma at the start of the year
- publicity for his book about House Martins: Guests of Summer

- interview in June about effect of insect collapse on nesting behavior

In the media (13)

39. Zwaluw legt het loodje: Groningse ecooloog luidt de noodklok
01/07/2018
Dagblad van het Noorden (Regional), Netherlands, Print, Marijke Brouwer
<http://www.dvhn.nl/groningen/Zwaluw-legt-het-loodje-Groningse-ecoloog-luidt-de-noodklok-23328336.html>
Jan Doevendans, Albert de Jong & Theunis Piersma
40. Huiszwaluwen geven de brui aan tweede nest
19/06/2018
Vogels (National), Netherlands, Web, René de Vos
<https://www.vogelbescherming.nl/actueel/bericht/huiszwaluwen-geven-de-brui-aan-tweede-nest>
41. Onderzoek mee in het Jaar van de Huiszwaluw
09/04/2018
Sovon Actueel (National), Netherlands, Web
<https://www.sovon.nl/nl/actueel/nieuws/onderzoek-mee-het-jaar-van-de-huiszwaluw>
42. Natuurlijk: de huiszwaluw roept om hulp
02/04/2018
Leeuwarder Courant (Regional), Netherlands, Print, Halbe Hetteema
<http://www.lc.nl/friesland/Natuurlijk-de-huiszwaluw-roept-om-hulp-23052934.html>
43. Jaar van de Huiszwaluw op zoek naar huisvriend
20/03/2018
Vogelbescherming Actueel (National), Netherlands, Web
<https://www.vogelbescherming.nl/actueel/bericht/jaar-van-de-huiszwaluw-op-zoek-naar-huisvriend>
44. Vogel van het Jaar
14/03/2018
Avifauna Groningen (Regional), Netherlands, Web, Harm Jan Kiewiet
<https://www.avifaunagroningen.nl/index.php/onderzoek/vogel-van-het-jaar/143-2018-huiszwaluw>
45. "Huiszwaluwen kwijtgeraakt zonder dat we het door hadden"
24/01/2018
Reformatorisch Dagblad (National), Netherlands, Print, Kees van Reenen
<https://www.rd.nl/meer-rd/groen-duurzaamheid/huiszwaluwen-kwijtgeraakt-zonder-dat-we-het-door-hadden-1.1462569>
46. Bijna alle huiszwaluwen kwijtgeraakt zonder dat we het door hadden
19/01/2018
Friesch Dagblad (Regional), Netherlands, Print, Kees van Reenen
<https://frieschdagblad.nl>
47. Vogelprofessor geconfronteerd met slachting onder huiszwaluwen
27/11/2017
Vogels (National), Netherlands, Print, René de Vos
<https://www.vogelbescherming.nl/actueel/bericht/vogelprofessor-geconfronteerd-met-slachting-onder-huiszwaluwen>
48. Piersma roept op mee te doen aan onderzoek naar huiszwaluw
22/04/2018
Omrop Fryslân, Netherlands, Radio
<https://www.omropfryslan.nl/nieuws/805450-piersma-roept-op-mee-te-doen-aan-onderzoek-naar-huiszwaluw>
49. Huiszwaluwen tellen in 'Het jaar van..'
22/04/2018
Vroege Vogels (National), Netherlands, Radio, Rob Buiten
<https://vroegevogels.bnnvara.nl/nieuws/huiszwaluwen-tellen-in-het-jaar-van>



50. Jaar van de Huiszwaluw
01/02/2018
Sovon.nl (National), Netherlands, Web
<https://www.sovon.nl/nl/jaarvandehuiszwaluw>
51. 2018: Jaar van de Huiszwaluw
13/12/2017
Vogelbescherming Actueel (National), Netherlands, Web
<https://www.vogelbescherming.nl/actueel/bericht/2018-jaar-van-de-huiszwaluw>

Magazine article about research on Banc d'Arguin, Mauritania

01/12/2017

In the media (1)

52. Onze vogels - in den vreemde -
01/12/2017
Roots - midden in de natuur (National), Netherlands, Print, Rob Buiters
<https://www.rootsmagazine.nl/>

Publicity around dissertation "Earth, worms & birds" by Jeroen Onrust. Red earthworms play a key role in grassland ecosystem

Jeroen Onrust & Theunis Piersma

16/10/2017 → 27/04/2018

Description

Publiciteit over RUG-onderzoek: Weidevogel en boer zijn gebaat bij ruige stalmest. Rode wormen spelen sleutelrol in ecosysteem grasland.

In the media (13)

53. Wormenman Jeroen Onrust: 'Voor weidevogels is het te laat'
27/04/2018
Liwwadders, Netherlands, Karin de Mik
<http://www.liwwadders.nl/wormenman-jeroen-onrust-voor-weidevogels-is-het-te-laat/>
Jeroen Onrust
54. Wormenman Jeroen Onrust: 'Voor weidevogels is het te laat'
21/04/2018
Fryslan1 (Regional), Netherlands, Web, Karin de Mik
<http://www.fryslan1.frl/2018/04/21/wormenman-jeroen-onrust-voor-weidevogels-is-het-te-laat/>
Jeroen Onrust
55. Deze wormen zijn onbereikbaar voor vogelsnavels
17/04/2018
Trouw (National), Netherlands, Print, Koos Dijksterhuis
<https://www.trouw.nl/groen/deze-wormen-zijn-onbereikbaar-voor-vogelsnavels~a19b6ecf/>
Jeroen Onrust
56. Vormgevers van ons landschap
17/04/2018
De Golden Raand (Regional), Netherlands, Print, Addo van der Eijk
<https://www.groningerlandschap.nl/publicaties/golden-raand/>
Jeroen Onrust
57. 'Laat de rode wormen het boerenland redden'
01/04/2018
Broerstraat 5 (National), Netherlands, Print, Karin de Mik
https://www.rug.nl/alumni/stay-involved/broerstraat-5/pdf-los-per-nummer/000web_apr2018_web-18-19.pdf
Jeroen Onrust

58. Regenwormen van belang voor boer en weidevogel
19/01/2018
Groen Kennisnet (National), Netherlands, Web
<https://www.groenkennisnet.nl/nl/groenkennisnet/show/Regenwormen-van-belang-voor-boer-en-weidevogel.htm>
Theunis Piersma & Jeroen Onrust
59. Wormen zijn ideale boerenknechten
18/12/2017
NRC (National), Netherlands, Print, Nienke Beintema
<https://www.nrc.nl/nieuws/2017/12/18/wormen-zijn-ideale-boerenknechten-a1585371>
Jeroen Onrust
60. Wormenman op buikkar promoveert: 'Ik telde tot diep in de nacht duizenden regenwormen'
14/12/2017
Leeuwarder Courant (Regional), Netherlands, Print, Halbe Hetteema
<http://www.lc.nl/friesland/Wormenman-op-buikkar-promoveert-Ik-telde-tot-diep-in-de-nacht-duizenden-regenwormen-22737231.html>
Jeroen Onrust
61. Ruige stalmest helpt de weidevogel en boer
13/12/2017
Friesch Dagblad (Regional), Netherlands, Print
<https://www.frieschdagblad.nl/index.asp>
Jeroen Onrust
62. Groninger onderzoeker zoekt regenwormen als een kievit
13/12/2017
Dagblad van het Noorden (Regional), Netherlands, Print, Gerdt van Hofslot
<http://www.dvhn.nl/>
Jeroen Onrust
63. Boer en weidevogel gebaat bij ruige stalmest
12/12/2017
Boerderij (National), Netherlands, Print, Carolien Kloosterman
<https://www.boerderij.nl/Rundveehouderij/Nieuws/2017/12/Boer-en-weidevogel-gebaat-bij-ruige-stalmest-223733E/>
Theunis Piersma & Jeroen Onrust
64. Rode regenworm helpt boer én natuur
14/12/2017
Vroege Vogels (National), Netherlands, Radio
<https://vroegevogels.bnnvara.nl/nieuws/rode-regenworm-helpt-boer-en-natuur>
Jeroen Onrust
65. Goudplevieren flappen
16/10/2017
Vroege Vogels (National), Netherlands, Television
<https://vroegevogels.bnnvara.nl/nieuws/goudplevieren-flappen>
Jeroen Onrust

Research contribution to conservation: "China moves to protect coastal wetlands used by migratory birds"

30/01/2018 → 21/02/2018

Description

[In January] China's State Oceanic Administration (SOA) announced it will dramatically curb commercial development of coastal wetlands. "I've never heard of anything quite so monumental," says Nicola Crockford of the Royal Society for the Protection of Birds, based in Sandy, U.K., which has worked to protect habitat of migratory birds in China and elsewhere.

In the media (2)

66. Beste nieuws in jaren' voor trekvogels
21/02/2018
Vogelbescherming/actueel (National), Netherlands, Web
Arjan Berben
<https://www.vogelbescherming.nl/actueel/bericht/beste-nieuws-in-jaren-voor-trekvogels>
Barend van Gernerden, Global Flyways Programme coordinator bij BirdLife International, geeft tekst en uitleg. Er is ook een Nederlands tintje. "Er zijn veel lobby-inspanningen geweest, je weet nooit precies wat de doorslag geeft... maar de gelauwerde onderzoeker Theunis Piersma was niet de minste die aan de bel heeft getrokken. Hij zet zich al jarenlang in om de Gele Zee en steltlopers beter beschermd te krijgen. De vele artikelen van Theunis en collega's van het Global Flyway Network in wetenschappelijke tijdschriften worden in China zeer serieus genomen. In 2015 reisde hij mee naar China met de koning en kreeg hij gelegenheid het probleem duidelijk op de kaart te zetten. Vogelbescherming ondersteunt samen met het Wereld Natuur Fonds sinds 2012 de leerstoel Trekvoegeologie van Theunis Piersma.
67. China moves to protect coastal wetlands used by migratory birds
30/01/2018
Science (International), Web, Erik Stokstad
<http://www.sciencemag.org/news/2018/01/china-moves-protect-coastal-wetlands-used-migratory-birds>

Publicity for research article "Quantifying landscape-level land-use intensity patterns through radar-based remote sensing"

Ruth Howison, Han Olf & Theunis Piersma
17/01/2018 → 01/04/2018

In the media (7)

68. Satelliet herkent gruttoland
01/04/2018
Vogels (National), Netherlands, Print, Idde Lammers
<https://www.vogelbescherming.nl/actueel>
69. Bijdrage 24 januari 2018: monitoring en plan van aanpak weidevogels
28/01/2018
Partij voor de Dieren - Statenfractie Zuid-Holland (Regional), Netherlands, Web
<https://zuidholland.partijvoordedieren.nl/bijdragen/bijdrage-24-januari-2018-monitoring-en-plan-van-aanpak-weidevogels>
70. Satelliet herkent weidevogelvriendelijk weiland
20/01/2018
Natuurtoezicht.nl (National), Netherlands, Web
<https://www.natuurtoezicht.nl/wp/satelliet-herkent-weidevogelvriendelijk-weiland/>
71. Satelliet herkent weidevogelvriendelijk weiland
20/01/2018
Steunpunt Agrarisch Natuurbeheer (National), Netherlands, Web
<http://www.steunpuntan.nl/nieuws.cfm?nieuws=20-januari-2018-satelliet-herkent-weidevogelvriendelijk-weiland>
72. Satelliet brengt gebruik van weilanden in beeld
19/01/2018
Leeuwarder Courant (Regional), Netherlands, Print
<http://www.lc.nl/friesland/Satelliet-brengt-gebruik-van-weilanden-in-beeld-22834472.html>
73. Satelliet bewijst de schade door intensieve landbouw
18/01/2018
Friesch Dagblad (Regional), Netherlands, Print, Theo Klein
<https://www.frieschdagblad.nl/>
74. Satelliet ziet vogelvriendelijk grasland
17/01/2018

Boerderij (National), Netherlands, Print, Jan Braakman
<https://www.boerderij.nl/Home/Nieuws/2018/1/Satelliet-ziet-vogelvriendelijk-grasland-236638E/>

In New York Times: Shorebirds, the World's Greatest Travelers, Face Extinction

Theunis Piersma & Ginny Chan

27/04/2018

Description

Opinion article in New York Times citing shorebird research of Piersma and colleagues
By John W. Fitzpatrick and Nathan R. Senner. A worldwide catastrophe is underway among an extraordinary group of birds — the marathon migrants we know as shorebirds. Numbers of some species are falling so quickly that many biologists fear an imminent planet-wide wave of extinctions.

In the media (1)

75. Shorebirds, the World's Greatest Travelers, Face Extinction

27/04/2018

New York Times (International), Netherlands, Print, John W. Fitzpatrick / Nathan R. Senner

<https://www.nytimes.com/interactive/2018/04/27/opinion/shorebirds-extinction-climate-change.html>

National Geographic about our satellite tracking research: "GPS-ecologie: Vlieg mee met de vogels" by Astrid Smit and Rob Buiters

25/05/2018

Description

“Deze zenders zijn van onschatbare waarde”, zegt hoogleraar trekvoegeleecologie hoogleraar trekvoegeleecologie Theunis Piersma van de Rijksuniversiteit in Groningen. “We kunnen hiermee vogels van één ons of meer van dag tot dag volgen, zonder dat zij er zelf last van hebben.”

In the media (1)

76. Gps-ecologie: Vlieg mee met de vogels

25/05/2018

National Geographic NL (National), Netherlands, Print, Astrid Smit & Rob Buiters

<https://www.nationalgeographic.nl/milieu/2018/05/gps-ecologie-vlieg-mee-met-de-vogels>

Met geavanceerde gps-loggers zijn vogels nauwkeuriger te volgen en is gerichte natuurbescherming mogelijk. Deze tekst bevat enkele fragmenten uit de oorspronkelijke reportage. Het hele verhaal is te lezen in het meinummer van National Geographic Magazine.

New Scientist cites TeamPiersma blog: "World's largest bird feeder to save peckish flocks"

25/04/2018

Description

"... according to the Team Piersma blog, the entire sum has been raised, just in time for the arrival of 75,00 peckish great knots."

In the media (1)

77. Feedback: World's largest bird feeder to save peckish flocks

25/04/2018

New Scientist (International), United Kingdom, Print, Paul McDevitt

<https://www.newscientist.com/article/mg23831750-800-feedback-worlds-largest-bird-feeder-to-save-peckish-flocks/>

Publicity for research article "Generational shift in spring staging site use by a long-distance migratory bird"

Mo Verhoeven, Jelle Loonstra, Joslyn Hooijmeijer & Theunis Piersma
15/02/2018

Description

Why has the number of black-tailed godwits resting in Spain during spring migration been falling in recent years and the number resting in Portugal been increasing? Mo Verhoeven from the University of Groningen and colleagues have discovered that young black-tailed godwits are effecting this change in migratory pattern. The research is published in *Biology Letters*.

In the media (1)

78. Zoals ouden vlogen, vliegen niet altijd de jongen
15/02/2018
Friesch Dagblad (Regional), Netherlands, Print
<https://www.frieschdagblad.nl/>

Publicity for "High-altitude shorebird migration in the absence of topographical barriers: avoiding high air temperatures and searching for profitable winds"

Nathan Senner, Mo Verhoeven & Theunis Piersma
29/06/2018

In the media (1)

79. Grutto's blijken echte hoogvliegers
29/06/2018
Friesch Dagblad (Regional), Netherlands, Print
Rijksuniversiteit Groningen
<https://frieschdagblad.nl/2018/6/29/grutto%E2%80%99s-blijken-echte-hoogvliegers>
Onze eigen grutto's bleken nog meer verrassingen in petto te hebben en zijn dus eigenlijk topsporters

VARIOUS RADIO/TV

Radio interview Omrop Fryslân: 'Ferhalen fan it Waad' - professor Theunis Piersma

29/07/2017 → 30/07/2017

Description

Theunis Piersma aan het woord in het radioprogramma Buro de Vries, dat in de zomer een serie programma's maakt met de titel 'Verhalen van het Wad'.

In the media (2)

80. "Ik ha altyd al ûnwennich west nei de Waadsee"
29/07/2017
Omrop Fryslân, Web
<http://www.omropfryslan.nl/utstjoering/buro-de-vries-fan-30-july-2017-1100>
81. Ferhalen fan it Waad: professor Theunis Piersma
30/07/2017
Buro de Vries - Omrop Fryslân (Regional), Radio
<http://www.omropfryslan.nl/utstjoering/buro-de-vries-fan-30-july-2017-1100>

Afscheid staatssecretaris van Dam: "Boeren namen zelf verantwoordelijkheid niet"

03/09/2017

Description

Theunis Piersma is een van de deskundigen die wordt geïnterviewd naar het aanleiding van het afscheid van staatssecretaris van Dam van Economische Zaken: "Nederlandse landbouw heeft geweldige behoefte aan natuurinclusieve landbouw en van Dam maakte stappen in die richting....".

In the media (1)

82. Van Dam: "Boeren namen zelf verantwoordelijkheid niet"
03/09/2017
BNNVARA - Vroege Vogels (National), Netherlands, Radio
<https://vroegevogels.bnnvara.nl/nieuws/van-dam-boeren-namen-zelf-verantwoording-niet>

Radio interview with Oeds Westerhof, legacy director Stichting Leeuwarden-Friesland 2018: "De afstand is te groot"

04/08/2017

Description

Westerhof: "Dat woord 'legacy', daar houd ik eigenlijk niet zo van. Ik spreek liever over 'opbrengst'. Bijvoorbeeld in het groene thema: de biodiversiteit loopt terug, Theunis Piersma en Sytze Pruiksmā zetten dat op de agenda. Ze brengen mensen inzichten, en die mensen komen dan in beweging. Kijk maar naar de discussie over landschapspijn. De staatssecretaris van landbouw pleit voor natuurinclusieve landbouw. De provincie investeert daarin. Met kunst alleen verandert de wereld nog niet, maar wat je wel kunt doen, is mensen de ogen openen."

In the media (1)

83. Oeds Westerhof: "De afstand is te groot"
04/08/2017
Omrop Fryslân, Radio, Karen Bies
<http://www.omropfryslan.nl/nieuws/736970-oeds-westerhof-de-afstand-te-groot>

Peruvian TV interviews Theunis Piersma at shorebird conference in Peru - WHSG2017
18/02/2018

Description

TV report made during the 7th Western Hemisphere Shorebird Group meeting in Paracas, Peru, in November 2017. Broadcast on Peruvian TV on 18 February 2018.

In the media (1)

84. Conoce la relación entre el clima y las aves playeras

18/02/2018

Umbrales TV (International), Netherlands, Television

<http://www.tvperu.gob.pe/novedades/umbrales/conoce-la-relacion-entre-el-clima-y-las-aves-playeras>

Radio interview Vroege Vogels: Biology as export product

24/06/2018

Description

Al vele jaren reist hoogleraar trekvoegecologie Theunis Piersma zijn onderzoeksobjecten - kanoeten, (rosse) grutto's, rotganzen of drieteenstrandlopers – achterna tussen hun broed- en hun overwinteringsgebieden. [De] vasthoudende manier van veldonderzoek doen begint op steeds meer plaatsen school te maken. Recent werd bekend dat de Chinese overheid stopt met het inpolderen van de getijdengebieden langs de Gele Zee. Ingewijden vertellen de Chinese leider Xi dit heeft besloten mede door het ecologisch onderzoek van de groep van Piersma. En niet alleen dat: wanneer zou blijken dat bepaalde inpolderingen schadelijk zijn voor de ecologie, is Xi zelfs bereid om bestaande projecten terug te draaien.

In the media (1)

85. Biologie als exportproduct

24/06/2018

Vroege Vogels Radio (National), Netherlands, Radio, Jochem Myer

<https://vroegevogels.bnnvara.nl/nieuws/biologie-als-exportproduct>

German TV reports on LF2018 Cultural Capitals, with Kening fan'e Greide and RUG Black-tailed Godwit research

Joslyn Hooijmeijer & Theunis Piersma

11/06/2018

Description

Press on the contributions of the Piersma group to the Kening fan'e Greide program during the year 2018 when Leeuwarden was Cultural Capital of Europe

In the media (1)

86. Kulturhauptstadt Leeuwarden

11/06/2018

West Deutsche Rundfunk (WDR) (International), Germany, Television, Cordula Echerhoff, Susanna Schürmanns

<https://www1.wdr.de/mediathek/video/sendungen/westart-reportage/video-kulturhauptstadt-leeuwarden-100.html>

11.06.2018 | 30:13 Min. | UT | Verfügbar bis 11.06.2019 | WDR Westart geht auf Reisen und lädt ein zu einem Besuch in Leeuwarden im Norden der Niederlande. Die friesische Hauptstadt ist mit der gesamten Provinz Friesland europäische Kulturhauptstadt 2018.

VARIOUS PRINTED MEDIA

Journalist Caspar Janssen travels The Netherlands on foot and visits Theunis Piersma in Gaast

07/08/2017 → 09/08/2017

Description

"Caspar loopt" is a series of columns in 'de Volkskrant' by Caspar Janssen who is travelling The Netherlands on foot.

- Episode 52: The hungry swallows around the house of a Spinoza Prize winner in Friesland. "Under the eaves of the house live the last swallows of Gaast"
- Episode 53: In Friesland there is a lively debate about landscape pain; now it's time for action. "If you have pain go to the doctor. But what do you do with landscape pain? "
- Episode 54: Biologists in Friesland are ringing the alarm bells. "I feel we are busy poisoning of the country"

In the media (3)

87. Caspar loopt: 'Ik heb het gevoel dat we bezig zijn met de algehele vergiftiging van het land'
09/08/2017
De Volkskrant (National), Caspar Janssen
<https://www.volkskrant.nl/binnenland/-ik-heb-het-gevoel-dat-we-bezig-zijn-met-de-algehele-vergiftiging-van-het-land~a4510261/>
88. Caspar loopt: 'Als je pijn hebt ga je naar de dokter. Maar wat doe je met landschapspijn?'
08/08/2017
De Volkskrant (National), Caspar Janssen
<https://www.volkskrant.nl/binnenland/-als-je-pijn-hebt-ga-je-naar-de-dokter-maar-wat-doe-je-met-landschapspijn~a4510063/>
89. Caspar loopt: Onder de dakrand huizen Gaasts laatste zwaluwen
07/08/2017
De Volkskrant (National), Caspar Janssen
<https://www.volkskrant.nl/binnenland/onder-de-dakrand-huizen-gaasts-laatste-zwaluwen~a4509922/>

Vogelkundigen kraken routes vliegveld Lelystad

21/08/2017

Description

De ligging en de vliegroutes van Lelystad Airport kunnen bijna niet slechter, stellen twee gerenommeerde biologen en vogelkenners., „Hoe krijgt dit yn'e harsens”, zegt Theunis Piersma.

In the media (1)

90. Vogelkundigen kraken routes vliegveld Lelystad
21/08/2017
Leeuwarder Courant (Regional), Print, Robert Jan Speerstra
<http://www.lc.nl/friesland/Vogelkundigen-kraken-routes-vliegveld-Lelystad-22438151.html>

Noorderlicht to showcase professors Piersma, Olff and Folmer's love for nature

Theunis Piersma, Han Olff & Henk Folmer

25/06/2018

In the media (1)

91. Noorderlicht to showcase professors Piersma, Olff and Folmer's love for nature
25/06/2018
Museum Belvédère en Noorderlicht (National), Netherlands, Other

<http://www.noorderlicht.com/en/>
<https://www.rug.nl/news/2018/06/noorderlicht-to-showcase-professors-piersma-olff-and-folmer-s-love-for-nature>

Publicity around Trilateral Wadden Sea Conference

Theunis Piersma & Han Olff

18/05/2018

Description

At this Conference, the ministers responsible for the protection of the Wadden Sea and their delegations discussed Wadden Sea matters, and provided political guidance for the coming years. During conference, the Wadden Sea scientific and research community presented their work to the ministers.

<http://www.waddensea-secretariat.org/> and <http://www.waddensea-secretariat.org/news-and-service/news/18-18-05wadden-sea-ministers-discuss-trilateral-future-in-leeuwarden>. Research by Theunis Piersma and team is mentioned in discussion about a new authority systems to protect the Wadden Sea (Waddendrost).

In the media (2)

92. Waddendrost moet werelderfgoed redden

18/05/2018

Leeuwarder Courant (Regional), Netherlands, Print, Saskia van Westhreenen

<http://www.lc.nl/friesland/Verklaring-van-Leeuwarden-helpt-Wadden-stapje-vooruit-23194683.html>

93. Friesche klei en Afrikaanse kusten van belang voor vitaliteit Waddenleven

18/05/2018

Friesch Dagblad (Regional), Netherlands, Print, Jan Ybema

<https://www.frieschdagblad.nl/>

Mention in book "Stilte, ruimte, duisternis" by Kester Freriks

06/03/2018

Description

Full book title: Stilte, ruimte, duisternis. Verkenningen in de natuur. Author: Kester Freriks. With references to Kuitwaard, Piersma, Althuis en Pruiksma.

In the media (1)

94. Stilte, ruimte, duisternis. Verkenningen in de natuur

06/03/2018

Book: Stilte, ruimte, duisternis. Verkenningen in de natuur (National), Netherlands, Print, Kester Freriks

<http://www.singeluitgeverijen.nl/atheneum/boek/stilte-ruimte-duisternis/>

RESEARCH IN SOCIETAL DEBATES

Continuing publicity in 2018 on "Landschapspijn"

12/01/2018 → 23/06/2018

Description

Theunis Piersma coined the term "landschapspijn" (landscape pain) in 2016. In 2018 various press published on the topic acknowledging the continuing contributions to the topic by prof Piersma.

In the media (6)

95. Landschapspijn: 'Niet polariseren, maar bruggen bouwen'
23/06/2018
Leeuwarder Courant (Regional), Netherlands, Print, Paul Straatsma
<http://www.lc.nl/friesland/Landschapspijn-Niet-polariseren-maar-bruggen-bouwen-23197828.html>
96. Melk, kaas en landschapspijn twee jaar later
24/03/2018
Leeuwarder Courant (Regional), Netherlands, Print, Jantien de Boer
<https://www.lc.nl/friesland/Melk-kaas-en-landschapspijn-twee-jaar-later-23026715.html>
97. Fryslan moet harder werken om de mooiste provincie te blijven
09/03/2018
Friesch Dagblad (Regional), Netherlands, Print, Theo Klein
<https://www.frieschdagblad.nl/index.asp?pagina=archieff>
98. Pijn
01/03/2018
Noorderbreedte (National), Netherlands, Print, Jantien de Boer
<https://noorderbreedte.nl/>
99. Varkens
10/02/2018
Leeuwarder Courant (Regional), Netherlands, Print, Jantien de Boer
<https://www.lc.nl/opinie/Jantien-Varkens-22899034.html>
100. Landschaps-sm
12/01/2018
Leeuwarder Courant (Regional), Netherlands, Ading Walthaus
Column Asing Walthaus

Publicity in 2018 about "Healthy landscapes & nature-inclusive agriculture"

24/02/2018 → 01/07/2018

Description

The research team of Prof. Piersma plays a significant role in the debate about, and the movement towards, nature-inclusive farming and healthy landscapes. Here are the 2018 press releases on this topic.

"Prachtig dat je achter de panda en neushoorn aan rent, maar in Nederland wordt de grutto met uitsterven bedreigd. 80 procent van de Europese weidevogels is voor overleving aangewezen op Nederland. Dit minicollege van bioloog Theunis Piersma zorgde zo'n acht jaar geleden voor een ommekeer bij het Wereld Natuurfonds."

In the media (5)

101. Waarom een toenemend aantal ontwikkelingsorganisaties het werkveld naar Nederland verlegt
01/07/2018
De Volkskrant (National), Netherlands, Print, Marjon Bolwijn
<https://www.volkskrant.nl/nieuws-achtergrond/waarom-een-toenemend-aantal-ontwikkelingsorganisaties-het-werkveld-naar-nederland-verlegt-b2e64648/>
102. Ecodenken als kans
12/03/2018

- De Moanne (Regional), Netherlands, Print, Elske Schotanus
<http://www.demoanne.nl/ecodenken-als-kans/>
103. Red de grutto's, dood de vossen?
 05/03/2018
 De Volkskrant (National), Netherlands, Print, Pieter Hotse Smit
104. Friese hoogleraren op de bres voor gezonder landschap
 24/02/2018
 Leeuwarder Courant (Regional), Netherlands, Print, Halbe Hettema
<http://www.lc.nl/friesland/Friese-hoogleraren-op-de-bres-voor-gezonder-landschap-22940223.html>
105. Veehouderij is zo goed als failliet
 14/06/2018
 De Volkskrant (National), Netherlands, Print, Henk Moll, Paul Struik en Roos Vonk
<https://www.volkskrant.nl/columns-opinie/veehouderij-is-zo-goed-als-failliet-b0240189/>
 Dit stuk is onderschreven door 28 hoogleraren Noelle Aarts, Rien Aerts, Frank Berendse, Jan Willem Erisman, Reyer Gerlagh, Ab Grootjans, Arjen Y. Hoekstra, Henriette van der Horst, Maarten Krol, Klaas Landsman, Henk van Loveren, Pim Martens, Henk C. Moll, Dorien Pessers, Theunis Piersma, Herbert H.T. Prins, Lucas Reijnders, Jan Rotmans, Paul van Seters, Chris Smit, Nico M. van Straalen, Paul C. Struik, Peter H. Verburg, Nanne de Vries, Roos Vonk, Martin Wassen, Jan-Philip Witte, Bastiaan C.J. Zoeteman.
106. Natuurinclusief voor weidevogel. Meer 'zwaar' beheer nodig.
 27/03/2018
 Boerderij (National), Netherlands, Print, Bouke Poelsma
<https://www.boerderij.nl/Home/Achtergrond/2018/3/Natuurinclusief-boeren-voor-behoud-weidevogel-264336E/>

Publicity in 2018 about "Continuing meadow birds declines"

Egbert van der Velde & Theunis Piersma

01/05/2018 → 29/06/2018

Description

Publicity on breeding meadow birds in general, and black-tailed godwits specifically, in relationship to the breeding season of 2018. Expert comments and citation of research results.

In the media (10)

107. Krant beschrijft veranderingen, ook waar het debat schuurt
 29/06/2018
 Leeuwarder Courant (Regional), Netherlands, Print, Sander Warmerdam
<http://www.lc.nl/opinie/Krant-beschrijft-veranderingen-ook-waar-het-debat-schuurt-23325888.html>
 Verslaggever Jantien de Boer heeft een scherp oog voor de plekken waar dit debat schuurt. Gevestigde belangen voelen zich bedreigd door nieuwe zienswijzes. Haar taak is om die verandering te beschrijven. Soms, zoals vorige week zaterdag, met een ervaring van een onderzoeker die veel emoties oproept. Het is onterecht om een verslaggever die pijnlijke kwesties blootlegt af te doen als een activiste, zoals sommige brieven-schrijvers deden. Ook dat verhaal moet verteld worden en past in de gewogen berichtgeving die ik hierboven heb geschetst.
108. Analyse: Polarisatie helpt de grutto niet
 26/06/2018
 Leeuwarder Courant, Netherlands, Halbe Hettema
<http://www.lc.nl/friesland/Analyse-Polarisatie-helpt-de-grutto-niet-23310647.html>
 Weidevogels komen er maar niet bovenop, de spanning tussen boer en natuurbeschermer loopt hoog op. Die polarisatie helpt de grutto niet.
109. Durf een vreemde vogel te zijn
 26/06/2018
 Leeuwarder Courant (Regional), Netherlands, Print, Sjoerd Bonnema

- <https://www.dekleinesalamander.com/uploads/6/6/5/0/6650101/lc-20180626-vreemdevogel-1.pdf>
110. Podium: Zo reageren lezers op onze verhalen over boeren en weidevogels
25/06/2018
Leeuwarder Courant (Regional), Netherlands, Print
<http://www.lc.nl/friesland/Zo-reageren-lezers-op-onze-verhalen-over-boeren-en-weidevogels-23307572.html>
'Boeren en vogels gaan niet meer samen', sprak onderzoek Egbert van der Velde afgelopen zaterdag in de krant. We ontvingen een stortvloed aan reacties van lezers, die zich in het verhaal herkennen of het juist opnemen voor de boeren, die in hun ogen onterecht als zondebok worden gezien.
 111. 'Boeren en vogels gaan niet meer samen'
23/06/2018
Leeuwarder Courant (Regional), Netherlands, Print, Jantien de Boer
<http://www.lc.nl/friesland/Boeren-en-vogels-gaan-niet-meer-samen-23302779.html>
 112. Onderzoeker Egbert van der Velde: 'Weidevogelbeheer moet uit het hart komen'
23/06/2018
Leeuwarder Courant (Regional), Netherlands, Print, Jantien de Boer
<https://www.lc.nl/friesland/Onderzoeker-Egbert-van-der-Velde-Weidevogelbeheer-moet-uit-het-hart-komen-23302608.html>
 113. Tijd gaat dringen voor weidevogels
31/05/2018
Friesch Dagblad (Regional), Netherlands, Print, Hoofdredactioneel: Trudy Oldenhuis
<https://www.frieschdagblad.nl>
Teruggang dit jaar al af te leiden uit cijfers voorgaande jaren, aldus Theunis Piersma
 114. Hoogleraar: daling van weidevogels te verwachten
29/05/2018
Friesch Dagblad (National), Netherlands, Print, Trudy Oldenhuis
<https://www.frieschdagblad.nl/>
 115. Redden wat er nog te redden valt
01/05/2018
Leeuwarder Courant (Regional), Netherlands, Print, Halbe Hetteema
<http://www.lc.nl/friesland/Natuurlijk-Redden-wat-er-nog-te-redden-valt-23144179.html>
 116. Weidevogelverhaal killend voor sector
27/06/2018
Nieuwe Oogst (Regional), Netherlands, Print
<https://www.nieuweoogst.nu/nieuws/2018/06/27/weidevogelverhaal-killend-voor-sector>