

PHILIPPE CLAEYS

ANALYTICAL-ENVIRONMENTAL-GEOCHEMISTRY - EARTH SYSTEM SCIENCES
VRIJE UNIVERSITEIT BRUSSEL (VUB)
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CURRENT POSITION

- Full Professor, Department of Chemistry, Vrije Universiteit Brussel (VUB), Brussels, Belgium.
i) Director of the inter-Faculties Research Group: *Earth System Sciences* 2006 – present.
ii) Head of the Research Unit *Analytical, Environmental and Geo-Chemistry* (AMGC, ~ 50 members) (<http://we.vub.ac.be/nl/analytical-environmental-and-geo-chemistry>).
- Guest Professor at Katholieke Universiteit Leuven (KULeuven), Department of Earth & Environmental Sciences, 2010-present
- Guest Professor at Universiteit Gent (Univ. Ghent), Department of Geology & Soil Sciences 2009 – present
- Guest Professor at Université de Liège (ULg), Department of Geology, 2008 – present

EXPERTISE

Planetary sciences: impact process, meteorites, global environmental & climate changes, isotope geology & geochemistry, sedimentology, event stratigraphy, paleoenvironmental reconstructions, environmental geology, urban environmental geosciences.

EDUCATION

- Ph.D. in Geology and Geophysics, 1993, University of California at Davis, California, USA. Advisors: Profs. Stanley V. Margolis (UC Davis) & Walter Alvarez (UC Berkeley)
- Master of Science in Geology, 1989, University of California at Davis, California, USA.
- Licence en Science Géologiques et Minéralogiques, (eq. Bachelor of Science in Geology), 1984, Université Libre de Bruxelles, Brussels, Belgium.

POSITIONS HELD

- February 2001 – September 2006: Associate Professor, Department of Geology, Vrije Universiteit Brussel (VUB), Brussels, Belgium, head of the research unit GEOL: Isotope Geology & Evolution of the Paleoenvironments
- 1999 – 2000 Acting Director of the Institute of Mineralogy, Museum für Naturkunde, Berlin, Germany
- 1996 – January 2001, Senior Staff Scientist and Head of Analytical Laboratories, Museum für Naturkunde, Berlin, Germany
- September 1998 – January 2001, Lecturer for the course Geochemistry and X-ray analysis. Universitaet Potsdam, Institut fuer Geowissenschaft, Potsdam, Germany.
- November 1993 – 1995, Research Geologist, Department of Earth & Planetary Science, University of California at Berkeley, Berkeley, California, USA
- April 1993 – October 1993, Postdoctoral Research Geochemist, Institute of Geophysics & Planetary Physics, University of California at Los Angeles, Los Angeles, California, USA
- 1986 – March 1993, Teaching and Research Assistant, Department of Geology, University of California at Davis, Davis, California, USA. Courses Taught: Geochemistry, Planetary Geology, Sedimentology-Stratigraphy, Petrology, Oceanography and Introduction to Geology.

- Summer 1992, Exploration Geologist, Pecten International Co. (now Shell Exploration and Production) Houston, Texas, USA. Structure, sedimentology and stratigraphy of West Africa passive margin
- Summer 1991, Research Geologist, Shell Development Co. (now Shell Exploration and Production), Houston, Texas, USA. Bellaire Research Center, Basin Analysis Group. Sedimentology, clay mineralogy and stable isotopic composition of Gulf of Mexico deep-water sediments
- 1989 – 1991, Research Assistant: Environmental sciences dept., Lawrence Livermore National Laboratory, Livermore, California. Developed methods for geochemical analyses using inductively coupled plasma mass spectrometry with applications for water, soil, and sediment, directed towards contamination/pollution generated during nuclear testing and burial/storage of nuclear waste
- 1984 – 1985, Research Assistant (PhD fellowship) Department of Earth and environmental sciences, Université Libre de Bruxelles, Brussels, Belgium.

PHD STUDENTS

- CURRENT

- BASTIEN SOENS (MS GEOLOGY, GHENT UNIV. 2015): Geochemistry of micrometeorites (IUAP funding)
- STEPAN CHERNONOZHKIN (MS CHEMISTRY, UNIV. OF NOVOSIBIRSK, RUSSIA, 2010): Development of analytical methods based on ICP-mass spectrometry for spatially resolved elemental and isotopic analysis of meteorites (Joint with Prof. F. Vanhaecke Univ. Ghent)
- MATTHIAS SINNESAEEL (MS GEOGRAPHY, VUB, 2014): Understanding rapid climate variations during the Late Ordovician - early Silurian (~440 Ma) in terms of astronomical forcing (FWO fellowship).
- NIELS DE WINTER (MS GEOLOGY, UNIV. UTRECHT, 2013): Cycles and seasonality in stratigraphic record (IWT PhD fellowship)
- STEF VANSTEENBERGE (MS GEOLOGY, GHENT UNIV, 2013): Last Interglacial speleothems as climate archives (VUB – Strategic Research)
- CHRISTINA MAKARONA (MS CHEMISTRY, UNIV. THESSALONIKI, 2011) : Sr isotopes as a tracer of Bronze age ceramics in the Eastern Mediterranean region (EU Marie Curie financing)
- KEVIN DE BONDT (MS GEOLOGY, ULB, 2005): Brussels a case study for Urban Geology: Water management & storage capacity of lithological Units (InnovIris fellowship)
- JAN COENAERTS (MS ARCHEOLOGY, VUB, 2006): Sustainable development in the late Bronze age, example from Cyprus (co-promoter with Prof. K. Nys) (HOA-VUB fellowship)

- COMPLETED (SINCE 2001)

- NADIA VAN ROOSBROECK, (MS GEOLOGY, KULEUVEN, 2012), The record of primitive IIE meteorites: Implications for the formation of silicate-bearing iron meteorites, December 2015, (Joint PhD with Prof. V. Debaille, ULB, BELSPO IUAP funding)
- JOKE BELZA (MS GEOLOGY, GHENT UNIV, 2010), Petrography and geochemistry of ejecta material from the K-Pg boundary Chicxulub crater (Yucatan, Mexico), November 2015, (Joint PhD with Ghent University, Prof. F. Vanhaecke as co-advisor, FWO Fellowship)
- MAITE VAN RAMPENBERGH (MS GEOLOGY, GHENT UNIV, 2007): Stable isotope signals and trace element concentrations in speleothems as indicators of recent paleoenvironmental changes, November 2014, (Van Dierendonck fellowship)
- DAVID DE VLEESCHOUWER (MS, GEOGRAPHY, VUB 2010): The influence of orbital forcing on the Devonian extreme greenhouse climate: An approach combining time series analyses of worldwide stratigraphic signals with mathematical climate modeling, September 2014, (FWO fellowship)
- ADRIANA OCAMPO: Geology and emplacement mechanism of Chicxulub crater deposits: an analogue for Mars ejecta, Vrije Universiteit Amsterdam (co-promoter with Prof. Jan Smit VUA), March 2013

- VIRGINIE RENSON: Using lead isotopes to trace pottery provenance – Late Bronze Age Cyprus: a case-study, September 2012 (VUB HOA).
- STEVEN GODERIS: Projectile identification in terrestrial impact structures and ejecta material, March 2011 (IWT Fellowship)
- KAMAL KOLO, Microbial alteration of mineral substrates, June 2009
- DAISY TYSMANS: Development and application of a new form-identification method for small sedimentary particles, March 2008, (co-advisor Prof. Marc Van Molle, Dept. of Geography)
- VANESSA HEYVAERT: Geoaerchological mapping and Middle to Late Holocene paleoenvironmental reconstruction in the land of Akkad and Sumer, Feb. 2007 (co-advisor Dr. Cecile Baeteman, Belgian Geological Survey)
- SOUAD ECH-CHAKROUNI: Geochronology and Paleomagnetism of Madeira and the Desertas Islands, June 2004 (co-advisor with Prof. Em. Paul Pasteels)
- ROALD TAGLE: Platinum group element distribution in impact-crater melt-rock, 2004, von Humboldt Universitaet Berlin (DFG).

POSTDOCTORAL RESEARCHERS

- CURRENT

- DR. CHRISTOPHE SNOECK (PhD: University of Oxford, 2014), Oxygen and Calcium isotopes in bones in teeth, March 2015 – present, funding Belgian Science Policy Office, Cold Case project
- DR. KOEN STEIN (PhD: Univ. Bonn, 2011), Long bone histology of basalmost and derived Sauropodomorpha: The convergence of fibrolamellar bone and the evolution of giantism and nanism. August 2014 – present: funding Research Foundation Flanders, FWO
- DR. CAROLE NEHME (PhD: University of Grenoble 2013), Reconstruction of Eemian climate and environment of the Belgian coast in the context of ongoing global warming,
- DR. GUIDO PETRUCCI (PhD: Ecole des Ponts, Paris Tech., 2012), Effects of green spaces on urban hydrogeology, March 2014 – present: Funding INNOVIRIS
- DR. LIDIA PITTARELLO, (PhD: Univ. Padova, Italy 2009), Curation and research of the Belgian Antarctic Meteorite collection, April 2013 – present: funding Belgian Science Policy Office, BELAM project.
- DR. YOSHIHIRO HIDAKA (PhD: Tokyo Metropolitan Univ. Japan, 2013), chemical composition of phosphates and metals in achondrites, July 2013 – present, funding Japanese fellowship
- DR. SEANN MCKIBBIN (PhD: ANU, Australia, 2012), Petrography/geochemistry of achondrites, February 2013 – Sept 2014: Funding Planet Topers Inter-University Attraction Pole, Belgian Science Policy Office. Metamorphism and melting in protoplanets during the first 10 million years of Solar System evolution: Connecting metamorphic rocks with mantle residues, October 2014 - present, funding Research Foundation Flanders, FWO.
- DR. STEVEN GODERIS (PhD: VUB 2011), Detection and identification of traces of impacted projectile in terrestrial and extraterrestrial materials using relevant trace element abundances and isotope ratios, April 2011-present: funding Research Foundation Flanders, FWO.

- FORMER

- DR. MATTHEW HUBER (PhD: Univ. Vienna, Austria 2013), Geochemistry and petrography of impactites, and micrometeorites, August 2013 – present, funding VUB-Strategic Research, *Present position research staff University of the Free State, Bloemfontein, South-Africa*
- DR. JANOS KODOLANYI, (PhD: Univ. Bern, Switzerland, 2009), Search for pre-solar grains in Antarctic meteorites, May 2013 – June 2014: Funding Planet Topers Inter-University Attraction Pole, Belgian Science Policy Office. *Present position: Researcher Max Planck Institute for Chemistry, Mainz, Germany*

- DR. KAREN VAN HOECKE (PhD Univ. Ghent, 2010), Development of analytical protocols for $\delta^{7}\text{Li}$ and $\delta^{11}\text{B}$ in various samples, January 2012 – November 2014): Funding Research Funds University Ghent, in collaboration with Prof. Frank Vanhaecke from University Ghent. *Present Position Belgian Nuclear Research Center, Mol, Belgium.*
- DR. CÉLINE MARTIN (PhD, CRPG-Nancy, France), Sm-Hf & Lu-Hf systematics in different types of chondrites, December 2010 – December 2012: funding Belgian Science Policy Office, BELAM project. *Present position: Researcher Natural History Museum, New York, USA*
- DR. Anne-Marie Desautly (PhD CEA/CNRS, France), Cosmochemistry of Antarctic meteorites, and development of Pt isotopes, March 2012 – September 2012: funding Belgian Science Policy Office, SAMBA project, *Present position: Geochemist at the "Bureau de Recherches Géologiques et Minières", Orléans, France*
- DR. EMMA VERSTEEGH (Ph.D, Vrije Universiteit Amsterdam), Stable isotope signature of modern bivalve shells, methodology development, 2009 – 2010: funding Belgian Science Policy Office, *Present position: Postdoctoral scholar, NASA Jet Propulsion Laboratory, Pasadena, Ca. USA*
- DR. ROALD TAGLE (Ph.D, Humboldt Univ. Berlin): Asteroid or comet shower in the Late Eocene, 2005-2007: funding Leopoldina Fellowship, Germany, *Present position: Bruker-AXS analytical, Germany*
- DR. WOLFGANG KIESSLING (Ph.D, University of Erlangen): Development of the Cretaceous-Tertiary Boundary database (KTbase), 1999-2000: funding DFG project. *Present position: Professor University of Erlangen, Germany.*
- DR. SABINE HEUSCHKEL (Ph.D, Kiel University): Petrology/Geochemistry of the Chicxulub crater impactites from drill hole Yucatan 6, 1997-1999: funding DFG project. *Present position manager Center for Impact Research (ZERIN) at the Ries Crater Museum, Noerdlingen, Germany.*
- DR. ROLF RETTINGER (Ph.D, Potsdam University): Monazite age determination using the electron microprobe, 1997-1998, *Present position: staff member, DESY "Deutsches Elektronen-Synchrotron", Hamburg, Germany.*

MASTER THESES

- CURRENT

- JEROEN VAN WOENSEL, Master in Geology, KULeuven 2017, Histology, preservation and geochemistry of fossil dinosaur bone and teeth
- BENJAMIN JENTGEN, Master in Geology, Univ. de Liege, 2016, Histologie d'oeuf de dinosaurs créacés (in French), co-advisor with Valentin Fisher as advisor.

- COMPLETED (SINCE 2001 ONLY)

- JOLIEN VAN OPDENBOSCH, Master in Geography, VUB 2015, A high-resolution stable isotope record from the Proserpine stalagmite (Han-sur- Lesse cave, Belgium) to document seasonality during the European Little Ice Age (period between 1620 and 1630 CE)
- JONATHAN PAZ, Master in Biology, VUB 2015, Description, comparison and biomechanics of the feet of *Deinocheirus mirificus*, a giant ornithomimosaur dinosaur from the Late Cretaceous of Mongolia., co-advisor: Prof. Pascal Godefroit, Royal Belgian Institute for Natural Sciences
- BRAM VERMEULEN, Master in Chemistry, VUB 2015, Characterization of a monocapillary based X-ray microfocus source for tomographic applications, co-advisor, with Prof. L. Vincze, Ghent University as advisor.
- LARS CHRISTIAENS, Master of Biology, VUB 2014, Palaeoecology of Three Marine Reptiles from the Mid-Cretaceous, co-advisor: Dr. Valentin Fisher, Royal Belgian Institute for Natural Sciences.
- MATTHIAS SINNESAELE, Master in Geography, VUB, 2014, The astronomical influence on climate change across the K-Pg boundary. A cyclostratigraphic study of the late Maastrichtian - early Paleocene at the Umbria - Marche Basin (Apennine mountains, Central Italy).
- AROEN DE RIDDER, Master of Geology, KULeuven 2014, Search for pre-solar grains in Antarctic meteorites

- STEVEN TESSEUR, Master in Geology, KULeuven, 2013, Isotopic study of the early Eocene paleoecology and paleoenvironment in Aktulagay, Co-advisor, with Robert Speijer (KULeuven) as advisor
- TOM CROYMANS-PLAGHKI, Master in Chemistry, Ghent University 2013, Method development for Li isotopic analysis via MC-ICP-MS: Application to the Cretaceous-Paleogene boundary clay from the Umbria-Marche sequence, Co-advisor, with Frank Vanhaecke (Ghent Univ.) as advisor
- KAAAT ROOSE, Master in Geology, KULeuven 2013, Petrographic and geochemical characterization of distal K/Pg impact ejecta from the Umbria-Marche sequence (Italy)
- ELS VOET: Master in Geology, KULeuven, 2012, Lu-Hf systematics in chondrites
- NADIA VAN ROOSBROEK: Master in Geology, KULeuven, 2012, Mont Dieu II: A IIE non magmatic iron meteorite with chondrules, *Currently PhD student Université Libre de Bruxelles*
- ELI WEERTS: Master in Geography, VUB, 2012, Paleoclimate and paleoenvironmental reconstructions using the stable isotopic records of speleothems
- SOFIE DE VOLDER: Master in Biology, VUB, 2011, Trace element and stable isotope analyses on dinosaur teeth from the latest Cretaceous. Development of a methodology for paleoenvironmental reconstructions
- HELENA DEMUYNCK: Master in Biology, VUB, 2011, High troodont (Theropoda: Troodontidae) diversity in the Tiaojishan Formation, Liaoning Province, China, and the evolution of avian characters
- JAN VAN ROEYEN: Master in Geology, Ghent University, 2011, Possible impact events in the Ordovician of the Brabant Massif (Belgium)
- LENNY VERHAS: Master in Geology, Ghent University, 2011, Distribution of siderophile elements in the Proterozoic impact ejecta layers of Western Australia
- HARRY ZEKOLLARI: Master in Geography, VUB, 2011, 3 D flow modeling of the Morteratsch glacier Co-advisor with Philippe Huybrechts VUB as advisor), *Currently PhD student Vrije Universiteit Brussel*
- BART VLEMINCKX: Master in Geology, Ghent University, 2011, Geochemistry of the Brent Crater, Canada
- JOKE BELZA: Master in Geology, Ghent University, 2010, Stratigraphy and geochemistry of the Mega-Blocks zone in the Chicxulub crater, Yucatan, *Currently PhD student Vrije Universiteit Brussel*
- WOUTER SLUYTS: Master in Geology, KULeuven, 2010, Testing the use of Tungsten isotopes as impact markers
- JUSTINE SAUVAGE: Master in Geography, VUB, 2010, Distribution of platinum group elements across the Cretaceous-Tertiary Boundary, Denver basin Colorado, *Currently PhD student University of Rhode Island*
- DAVID DE VLEESCHOUWER: Master in Geography, VUB, 2010, Time-series analysis on selected geological sections: A search for cyclicity, *Currently PhD student Vrije Universiteit Brussel*
- ERNEST NDUMBE EKONGOLO: Master Human Ecology VUB, 2008: An environmental evaluation of the impact of Mount Cameroon volcanic eruption in Buea, Cameroun
- SANDYA MALKANTHI MAHA MADAKALAPUWAGE: Master Ecomama, VUB, 2008, Sediment characteristics and stratigraphy of selected mangrove sites along the coast of Sri Lanka: Searching for evidence of tsunami depositions, (co-advisor with Farid Dahdouh-Guebas as advisor)
- RUTGER DUJARDIN: Master Geography VUB, 2007: Remote sensing study of the Luizi structure, a possible impact crater in Katanga, Congo (with Jonathan Cheung-Wai Chan as co-advisor)
- NIELS VAN DEN BORRE: Master Geology, Univ. Ghent, 2007: Petrology and gechemistry of the Mont Dieu iron Meteorites
- LIESBET DUBRON: Master degree Geology, Univ. Ghent, 2007: Interpretation of the Lapilli ejecta at the KT boundary.

- SARAH DENYS: De contrasterende Holocene sediment successie langsheen het westelijk en oostelijk deel van de Belgische kust, Licentiaat in de Geografie, 2007, VUB, (with Cecile Baeteman as co-advisor, in Dutch)
- STEVEN GODERIS: Master degree Geology, Univ. Ghent, 2006: Platinum group element distribution in impact craters: examples from Bosumtwi and Gardnos.
- JOSEPHINE WAMBUI NJANBUYA: Master Ecological Marine Management, VUB, 2006: Sediment Characteristics, its origin and stratigraphy of Mangrove soils of Gazi bay, Kenya (with Farid Dahdouh-Guebas as co-advisor)
- DE HAUWERE: Nathalie, Master Geography, VUB, 2005: Ontstaan en evolutie van de Laat-Holocene getijdengeul Testerep, in het gebied tussen Nieuwpoort en Oostende (Belgische kustvlakte), (with Cecile Baeteman, as co-advisor, in Dutch)
- SHEKU SEI: Master Ecological Marine Management, VUB, 2005: Aging and Growth Estimation of *Platella pleuronectes* from the Celtic Sea and the North Sea: Stable $\delta^{18}\text{O}$ and $\delta^{13}\text{C}$ Isotopes in Otoliths as a Validation Tool for Classical Methods.
- SERGE ROTENBERG: Master ecological marine management, VUB, 2004: Modeling the North Atlantic Gyre.
- JOSEPH SHYRIAMBERE: Master Environmental Science and Technology, VUB, 2004: Metal adsorption on the Boom clays.
- KRISTOF VLAEMINCK: Master in Geology, Univ. Ghent, 2004: Paleoenvironmental evolution in the Maastrichtian and across the KT boundary at Gubbio, (Italy)
- YUAN, YI: Master ecological marine management, VUB, 2004: Hydrology and Oxygen Isotope Signature of Tropical Fresh Water on Mt. Kilimanjaro, Equatorial East Africa
- TA TRUONG THINH: Master Environmental Science And Technology, VUB, 2003: Metal adsorption on clays: The case of Zn, Cu, Pb and Cd on Boom clays in Rumst
- ROB RENARTS: Master Environmental Science And Technology, VUB, 2003: Metal adsorption on clays: The case of Sr, Cs, Ni and Cd on Boom clays in Rumst, Belgium.
- SILKE WESELER, Master Degree Fakultät der Geowissenschaften, Universität Potsdam 2002: Mapping distal portions of proximal ejecta blanket of the Chicxulub impact crater, southeastern Yucatan peninsula

BACHELOR THESES (2008 – PRESENT)

- MATTHIAS SINNESAEEL: 3rd Bachelor Geography VUB, 2012, Stable isotopes ($\delta^{13}\text{C}$, $\delta^{18}\text{O}$) at the Mid-Devonian 'La Couvinoise' section: an astronomical interpretation and comparison with magnetic susceptibility
- MAARTEN VERCRUYSSSE: 3rd Bachelor Archeology VUB, 2011, Pb isotopes in keramiek (co-advisor with Karin Nys VUB-MARI as advisor, in Dutch)
- VIKKI SCHOLDIS: 3rd Bachelor Geografie VUB, 2010, Distributie en karakterisatie van morene afzetting in de regio van basis Princess Elisabeth, Antarctica (in Dutch)
- ELS CLAES: 3rd Bachelor Geografie VUB, 2010, Pb concentratie in speleothems (in Dutch)
- BRAM JACOBS: 3rd Bachelor Geografie VUB, 2009, Holocene kustafzettingen in de Belgische kustvlakte, (Co advisor: Cecile Baeteman, KBIN, in Dutch)
- NADIA VAN ROOSBROEK: 3rd Bachelor Geografie VUB, 2009, Niet magmatische ijzermeteorieten (in Dutch)
- JOHAN VANDAELE: 3rd Bachelor Geografie VUB, 2009, Large igneous provinces: Definition, link with mass extinctions and magma-sediment interactions
- ELI WEERTS: 3rd Bachelor Geografie VUB, 2009, Holoceen Paleoklimaten in Oost Middellandse Zee (in Dutch)

- DAVID DE VLEESCHOUWER: 3rd Bachelor Geografie VUB, 2008, Reconstructie van het paleomilieu en opsporen van Milankovitch cycliciteiten gedurende het Laat Maastrichtiaan (in Dutch)
- STEVEN TASSIGNON: 3rd Bachelor Geografie VUB, 2008, Gebruik van sclerosponsen voor paleoklimaatreconstructie (in Dutch).

CURRENT FUNDING OF RESEARCH PROJECTS

- Current

- INFRA-RED ANALYSES FROM MACRO TO NANO SCALES: FROM NOVEL SELF-HEALING MATERIALS TO JURASSIC DINOSAUR BONE CELLS (Co-Pi), funded by: *Hercules Foundation Flanders*, 2016-2019: 836.706,00€ (instruments purchase)
- TOURNESOL - COLLABORATION WITH FRANCE, (Pi) funded by: *FWO-Research Foundation Flanders* 2016-2017 (FWO-VS02716N, travel costs)
- AMUNDSEN - ANTARCTIC METEORITES CURATION, DIGITALIZATION AND CONSERVATION, (Co-Pi), funded by *BELSPO Belgian Science Policy*, 2015-2017: 67.575€, (personnel & consumables)
- RE-OPENING OF THE BERNISSART IGUANODON CRIME SCENE, (Co-Pi), funded by *BELSPO Belgian Science Policy*, 2015-2018: 262.568€, (personnel & consumables)
- THE ORIGIN OF GLASSES: MELTS, METALS AND MOTIVE, (Co-Pi), funded by: *FWO-Research Foundation Flanders* 2015-2018: 94.200€ (FWO-G0C4315N, consumables)
- OSIRIS - TRACING METROPOLITAN BRUSSELS WATER ROUTES, (Pi), Funded by: *Institute for the encouragement of Scientific Research and Innovation of Brussels (Innoviris)*, 2014-2016: 209.975 € (personnel & consumables)
- X-RAY ANALYTICAL INSTRUMENTATION: FROM THE FIELD TO THE MICRO-SCALE (Co-Pi), funded by: *Hercules Foundation Flanders*, 2013-2016: 573.000€ (instruments purchase)
- FROM THE FOREST TO THE CITY: SERVICES PROVIDED BY BRUSSELS GREEN SPACES TO URBAN HYDROGEOLOGY, (Pi), Funded by: *Institute for the encouragement of Scientific Research and Innovation of Brussels (Innoviris)*, 2014-2016: 104.034 € (personnel & consumables)
- TRACERS OF PAST AND PRESENT GLOBAL CHANGES, Internal funding VUB in framework of Strategic Research Programs, 2013 – 2017, (Pi): 1,2 million € (personnel, instrument purchase & consumables)
- "PLANETTOPERS", PLANETS: TRACING THE TRANSFER, ORIGIN, PRESERVATION, AND EVOLUTION OF THEIR RESERVOIRS, Interuniversity Attraction Poles (IAP), phase VII, funded by *BELSPO Belgian Science Policy*, 2012-2017, (Co-Pi-VUB): 500.000€ (personnel, instrument purchase & consumables), (<http://iuap-planet-topers.oma.be>)
- $\delta^{7}\text{Li}$ AND $\delta^{11}\text{B}$: ADDITIONS TO OUR EXISTING BIOGEOCHEMICAL ARSENAL OF TRACERS IN EARTH & PLANETARY SCIENCES, (Pi), funded by: *FWO-Research Foundation Flanders* 2013-2016: 91.400€ (FWOAL659-G009113N, consumables)
- ASSESSING ENVIRONMENTAL AND BIOTIC CHANGE BEFORE AND AFTER ASTEROID IMPACT AT THE CRETACEOUS/TERTIARY BOUNDARY, (Co-Pi): *FWO-Research Foundation Flanders* 2013-2016: 80.000€ (FWOAL681- G0B8513N, consumables)
- "BELARE 2012-2016": SUPPORT MISSION SAMBA (VUB)- STATION PRINCESS ELISABETH (ANTARCTICA), funded by *BELSPO Belgian Science Policy*, 2012-2013: 98.600€, (logistics)
- "BELAM" BELGIAN ANTARCTIC METEORITES: CURATION AND RESEARCH, (co-Pi), funded by *BELSPO Belgian Science Policy*, 2012-2016: 480.000€, (personnel & consumables)

- Expired (LAST 10 YEARS only)

- HIGH RESOLUTION SECTOR FIELD INDUCTIVELY COUPLED PLASMA MASS SPECTROMETER (HR-SF-ICPMS), (co-Pi) funded by: *Hercules Foundation Flanders*, 2012-2015: 450.000€ (instrument purchase)
- "SAMBA II" SEARCH AND STUDY OF ANTARCTICA METEORITES: BELGIAN CONTRIBUTION, (Pi), funded by: *BELSPO Belgian Science Policy*, 2010-2015: 498.000€, (personnel & consumables)

- THE CRETACEOUS GREENHOUSE WORLD AND ITS IMPACT ON TERRESTRIAL ECOSYSTEMS IN ASIA, funded by *BELSPO Belgian Science Policy in framework of Belgian-China Collaboration*, (co-Pi) 2012-2014: 75.000€, (consumables & logistics)
- NARNIA, NEW ARCHEOLOGICAL RESEARCH NETWORK FOR INTEGRATING APPROACHES TO ANCIENT MATERIAL STUDIES, *EU Marie Curie training Network*, (<http://narnia-itn.eu/>), 1 Ph. D student, travel and consumables, 2011-2014.
- BRUSSELS: THE FORGOTTEN WATER FLUXES (GROUND, SEWER, RIVER, PRECIPITATION, POTABLE ETC.): Isotopic, cartographic and historic approach for a sustainable development at the city scale (Pi), Funded by: *Institute for the encouragement of Scientific Research and Innovation of Brussels (Innoviris)*, 2011-2014: 210.500€ (personnel & consumables)
- APPLICATION OF SM-ND AND LU-HF ISOTOPE SYSTEMS IN GEOLOGICAL AND ARCHEOMETRIC RESEARCH (Co-Pi), funded by: *FWO-Research Foundation Flanders* 2011-2014: 52.000€ (FWOAL601-G00211N, consumables)
- DEVELOPMENT OF SAMPLE INTRODUCTION METHODS AND ANALYTICAL PROTOCOLS FOR HIGH-PRECISION AND ACCURATE ISOTOPIC ANALYSES VIA MULTI-COLLECTOR ICP-MASS SPECTROMETRY FOR INNOVATIVE AND INTERDISCIPLINARY APPLICATIONS, (Co-Pi), *Foundation ed by: FWO-Research Foundation Flanders* 2011-2014: 48.000€ (FWOAL604-GA07811N, consumables)
- STABLE ISOTOPE RATIO MASS SPECTROMETER FOR INTERDISCIPLINARY APPLICATIONS IN THE EARTH AND LIFE SCIENCES, (Pi), funded by: *Hercules Foundation Flanders*, 2010: 40.000€ (instrument purchase)
- VAN DIERENDONCK RESEARCH FELLOWSHIP, (Pi), funding for a 4 years PhD student on the topic of Global Changes and bio-geo-chemical cycles 2011-2014: 200.000€
- STABLE ISOTOPE RATIO MASS SPECTROMETER FOR INTERDISCIPLINARY APPLICATIONS IN THE EARTH AND LIFE SCIENCES, (Pi), funded by: *Hercules Foundation Flanders*, 2010: 40.000€ (instrument purchase)
- "SAMBA I" SEARCH FOR ANTARCTICA METEORITES: BELGIUM ACTIVITIES, (Pi), funded by: *BELSPO Belgian Science Policy*, 2009-2010: 50,000€ (Field work campaign Antarctica, 2010)
- "MICROMETA": ANTARCTIC MICROMETEORITES AS CLUES TO THE EARLY SOLAR SYSTEM AND PLANETARY EVOLUTION, (Pi), funded by: *InBev-Baillet Latour Antarctic Prize 2009*, 150,000€, 2010-2013, (Personnel & consumables).
- ECOLOGY AND HYDROGEOLOGY OF THE MOLENBEEK VALLEY IN THE BRUSSELS CAPITAL REGION, (Pi), funded by: *Brussels Environment IBGE/BIM* 2010-2013: 120,000€ (BRGEOZ158 Personnel & consumables)
- STABLE ISOTOPE METHODS FOR THE STUDY OF BIOGEOCHEMICAL PROCESSES IN AQUATIC ENVIRONMENTS AND THE PALEOCLIMATE, (Co-Pi), funded by: *FWO-Research Foundation Flanders* 2010-2013: 225.000€ (FWOAL542, Personnel & consumables)
- EVOLUTION OF THE DEEP-SEA ECOSYSTEM DURING EARLY EOCENE TRANSIENT WARMING EVENTS: STABLE-ISOTOPE AND FORAMINIFERAL EVIDENCE, (Co-Pi), FUNDED BY: FWO-RESEARCH FOUNDATION FLANDERS 2010-2013: 36.000€ (FWOAL544, CONSUMABLES)
- PLANETARY IMPACT EJECTA AND THE PHYSICO-CHEMICAL EVOLUTION OF PLUMES, (Co-Pi), \$260.401 funded by: *NASA Planetary Geology & Geophysics program* 2008-2011, managed by Planetary Institute, Tucson AR, USA, (Personnel & consumables)
- DOCUMENTING ASH FALLOUT FROM THE EYJAFJALLAJÖKULL IN BELGIUM, (Pi), funded by: *Belgocontrol*, 2010, 5000€
- EFFECTS OF LITHOLOGIES ON IMPACT CRATERING, (Co-Pi), funded by: *NASA Research Opportunity in Space and Earth Sciences*, 2006-2009, \$167.098 (Personnel & consumables).
- HYDROGEOLOGY OF RAINWATERS IN THE BRUSSELS CAPITAL REGION, (Pi), funded by: *Brussels Environment IBGE/BIM*, 2007-2009: 104.000€ (BRGEOZ129, Personnel & consumables)
- DEVELOPMENT OF STABLE ISOTOPE TECHNIQUES FOR THE STUDY OF BIOGEOCHEMICAL CYCLES IN AQUATIC ECOSYSTEMS AND (PALAEO)-ENVIRONMENTS, (Co-Pi), funded by: *FWO-Research Foundation Flanders* 2006-2009, (FWOAL370 254.400€ purchase of new mass spectrometer, consumable & personnel)
- METHOD DEVELOPMENT FOR INTERDISCIPLINARY ISOTOPIC RESEARCH VIA MULTI-COLLECTOR ICP - MASS SPECTROMETRY, (Co-Pi), funded by: *FWO-Research Foundation Flanders* 2006-2009, 20.000€ (FWOAL378 consumables).

- HIGH RESOLUTION Rb-Sr AND Pb ISOTOPE GEOCHEMISTRY: APPLICATIONS IN GEOLOGICAL AND ARCHEOMETRIC RESEARCH, (Co-Pi), funded by: *FWO-Research Foundation Flanders* 2006-2009, 55.300€ (FWOAL365 consumables)
- SUSTAINABILITY IN LATE BRONZE AGE: VUB Horizontal Research Action Project 2007-2010 (Co-Pi), 2 PhD students + consumables.
- MULTI-COLLECTOR INDUCTIVELY COUPLED PLASMA MASS SPECTROMETER (MC-ICPMS) FOR INTERDISCIPLINARY RESEARCH, (Co-Pi), funded by: *Flemish Government (AWI)-Impulse funding for heavy analytical instruments in Flanders* 2005–2008, Budget 1,9 million Euros between 3 universities Ghent, KULeuven and VUB
- CRITICAL EVALUATION OF MARINE CALCAREOUS SKELETONS AS RECORDERS OF GLOBAL CLIMATE CHANGE (CALMARS II) (Co-Pi), funded by: *BELSPO Belgian Science Policy*, 2005–2009 (362.040€ consumables & personnel: 2 researchers).
- GEOCHEMISTRY AND PETROLOGY OF THE ICDP YAXCOPOIL CORE IN THE CHICXULUB CRATER, (Pi), funded by: *FWO-Research Foundation Flanders* (2004–2006), 29.000€

TEACHING DUTIES (LAST 5 YEARS)

- INTRODUCTORY GEOLOGY, 1st year bachelor geography, chemistry, bio-engineering and biology (6 ECTS – *in Dutch*, average 100 students), 2002 – present
- STRATIGRAPHY & SEDIMENTOLOGY, option course for 2nd & 3rd year bachelor geography, (5 ECTS, average 20 students, *in Dutch*,) 2014 – present.
- ORIGIN OF LIFE AND PALEONTOLOGICAL EVOLUTION, Master in biology at the VUB (3 ECTS, average 20 students, *in English*) 2007 – present.
- GENERAL CHEMISTRY, 1st year bachelor geography and biology, (6 ECTS, average 30 students, in Dutch), 2015 – present, Taught jointly with Profs. F. De Proft and M. Leermakers.
- INTRODUCTION TO MATERIAL SCIENCES, bachelor in Archeology, (6 ECTS, average 30 students, in Dutch), Taught jointly with Profs. K. Nys and other members of Archeology dept.
- SOLAR SYSTEM, EARLY EARTH AND IMPACT EVENTS, option course in the Master Geology at Ghent University and Masters in Astronomy and in Geology at the KULeuven (4 ECTS, average 15 students), 2007 – present.
- ASTROBIOLOGY, Université de Liège, taught jointly with Prof. E. Javaux, Master in Geology & Master in Space Sciences, 2007 – present (5 ECTS, average 20 students, *in French*).
- ENVIRONMENTAL CHEMISTRY, 1st master Chemistry, VUB & Ghent University, (3 ECTS, average 40 students, *in English*) 2014 – 2015.
- BIOGEOLOGICAL EVOLUTION OF THE EARTH, Master in Geobiology at the Katholieke Universiteit Leuven (KULeuven), taught jointly with Prof. R. Speijer (6 ECTS, average 5 students, *in English*), 2007 – 2013.

ACADEMIC MANAGEMENT AND SERVICES (SINCE 2001)

- *Vice-President* of the Chemistry Department, Vrije Universiteit Brussel, 2014 - present
- Member of the *Tenure and Academic Promotion Commission* within the Faculty of Science and Bio-Engineering Sciences (2012 – present)
- Member of the *VUB Bureau for International Relations & Advisory Board for Internationalization*, 2013 – 2015.
- Head of the *Internationalization Commission* of the Faculty of Science and Bio-Engineering Sciences, (responsibilities: supervise & manage the staff in charge of foreign students, researchers, visitors, & promote the faculty internationally) 2013 - 2015
- President of the *Education Commission* of the Faculty of Science and Bio-Engineering Sciences Responsibilities 2009-2014: propose, oversee and improve the faculty program. *Example of Accomplishments*: re-organize and modernize the entire Bachelor program, established a partial exam period during 7th week of the 1st semester in 1st Bachelor to evaluate individual progresses

(highly appreciated by students); organized an optional course in mathematics in 1st Bachelor for students with weaknesses in this field...

- Member of the VUB *Education Board* 2009-2014, advisor the Vice-Rector for Education, responsibilities: decide on the global education policy of the university, approve changes in the VUB education curriculum, implement decisions made by the Flemish Ministry of Education, and education program quality control at university level.
- President or member of several *search commissions* to recruit new faculty members at the VUB (such as Mathematics, 2006, Geography 2009, Astronomy 2013, Analytical Chemistry 2013, Computational chemistry, 2014...)
- Member of the *Research Commission*, Faculty of Science and Bio-Engineering Sciences 2006 – present
- Member of the *Public Relations Commission* of the Faculty of Science and Bio-Engineering Sciences 2001 – 2006
- Member of the *Education Commission*, Faculty of Science and Bio-Engineering Sciences 2001 - 2009
- Member of the *Doctoral Commission* of the Faculty of Science and Bio-Engineering Sciences, 2002 – 2004

PARTICIPATION IN RESEARCH NETWORKS (2001-PRESENT)

- EU- COST project: Life-Origins (TD1308), 2013-2016 management committee, <http://life-origins.com/>.
- Co-Pi project "Drilling the Late Jurassic Mjølnir impact crater in the Barents Sea", Norway Research Council & Petroleum Co. 2010-2011
- EUROCORE program "Paleosalt" of the European Science Foundation 2005 – 2009
- "International Lithosphere Program" by the "International Council of Science (ICSU), the International Union of Geological Sciences (IUGS) and the International Union of Geodesy and Geophysics (IUGG), 2004 - 2009 (<http://www.sclilp.org>)
- Member of the "Impact field study group", (<http://web.eps.utk.edu/ifsg.htm>) 2006 - current
- Co-investigator International Ocean Drilling Program (IODP), Chicxulub: drilling the KT impact crater, coordinator J. Morgan Imperial College, London, 2004 - current
- Member of "Ocean Drilling Project" (ODP), Leg 198 – onshore scientist": Geochemistry of KT beds in ODP leg 198 cores, coordinator M. Malone, Texas A&M University (2002 - 2004)
- Participation to project "Chemical behavior of siderophile elements in impact events: The lunar perspectives" of Russian Academy of Science, Prof. M. Gerasimov, Russia, extension of an INTAS project (2001 - 2004)
- Member of the "Steering Committee", European Science Foundation Program: Response of the Earth System to Impact Processes (1998 - 2003).

SCIENTIFIC COLLABORATIONS (2001-PRESENT)

- AT NATIONAL LEVEL

- Evolution & Diversity Dynamic Lab. wWith Prof. Valentin Fisher, Univ. of Liège (<http://eddylab.weebly.com>), biogeochemistry and histology to understand crisis in ecosystems and the Biodiversity dynamics of Mesozoic marine predators.
- GeoArcheology in Cyprus with Prof. K. Nys (SKAR, VUB), (first funded by a VUB Horizontal Research Action Project 2007-2010, 2 PhD students + consumables)
- Formation processes and origin of nanodiamonds and TEM studies of impact metamorphism with Prof. D. Schryvers (Univ. Antwerpen)
- Study of cyclostratigraphy and climate effects in the Devonian, with Prof. F. Boulvain, (Univ. de Liège) and Prof. M. Crucifix (UCL).

- Geochemistry of (micro)meteorites, with Prof. N. Mattielli & Dr. V. Debaille (ULB)
- Bio-geo-events in Earth History from the KT boundary to the PETM, with Prof. R. Spjeijer (KULeuven)
- Applications of MC-ICP-MS isotopic analyses in geosciences, with Prof. Ph. Muchez (KULeuven, Geology), Prof. F. Vanhaecke, (Ghent U., Analytical chemistry),

- AT INTERNATIONAL LEVEL

- Search for meteorites in Antarctica in the framework of base Princess Elisabeth, in collaboration with National Institute of Polar Research (NIPR), Tokyo, Japan, Prof. Yoichi Motoyoshi (2009-2018)
- Development of Cr isotope analyses on crater lithologies and meteorites, Prof. Stein Jacobsen, Harvard University, USA, (2009-2011)
- The Cretaceous-Tertiary boundary in the Denver basin (Colorado, USA), Prof. Sam Bowring MIT, and Prof. Kirk Johnson Denver Museum of Nature and Sciences, USA, NSF project Earthtimes (2008-2012)
- Drilling of Impact Crater by the International Continental Scientific Drilling Program, participation as co-promoter of co-investigator to the drilling of the Chicxulub crater in Yucatan (2007 – present & 2001-2002), the Bosumtwi crater in Ghana (2004), the Chesapeake Bay crater offshore Maryland, US (2005) see http://www.icdp-online.de/contento/icdp/front_content.php
- Research on the Cretaceous-Tertiary boundary impact event, with Prof. W. Alvarez (UC Berkeley, Earth & Planetary Science), Prof. J Smit (Vrije Universiteit Amsterdam, Geologie), Prof. A. Montanari (Osservatorio Geologico Coldigioco),
- Studies of terrestrial impact craters, with Profs C. Koeberl (Univ. Vienna, Geology), Profs. D. Stoeffler en U. Reimold (Natural History Museum, Berlin), Prof. J. Morgan (Imperial college London, Geophysics), Dr. D. Ames (Canadian Geological Survey),
- Modeling ejecta plume, with Dr. E. Pierazzo and Natalia Artemieva (Planetary Science Institute, Tucson, Arizona), Prof. B. Ivanov (Russian academy of Science), Prof. B. Simonson (Oberlin college, Geology), Dr. Denton Ebel, (Museum of Natural Sciences, New York)
- Chronology of the origin of life, with Dr. M. Gargaud (observatoire de Bordeaux), Prof. T. Montmerle (Lab. Astrophysique de Grenoble), F. Albarede (Ecole Normale Supérieure de Lyon), Prof. H. Martin (Univ. Clermont Ferrand, science de la terre), Dr. P. Lopez-Garcia (Univ. Paris-Sud, Ecologie systématique et évolution), Prof. em. J. Reisse (ULB, Chimie)
- Dynamic of asteroid and comet impacts on Earth, with Dr. A. Morbidelli, (observatoire Nice), Dr. B. Bottke (Southwest Research Institute, Boulder, Co)

SCIENTIFIC DISTINCTIONS & PRIZES

- "Prix Adolphe Wetremes" 2013, given by the *Académie Royale des Sciences, des Lettres et des Beaux-Arts de Belgique*, for outstanding contribution in the Natural Sciences.
- Elected "Fellow" of the *Geological Society of America*, 2012
- Member of "*Collèges des Alumni*" of the "Académie Royale des Sciences, des Lettres et des Beaux Arts de Belgique", 2008
- Selected as one on the *Top 10 Flemish researchers* by Knack (popular weekly news magazine) for a series of articles "Vlaamse Top" documenting the career and work of scientists with top international reputation: 6 pages interview by scientific journalist Dirk Draulans, 2008
- Elected to Sigma-Xi, The Scientific Research Society, 1993
- Outstanding Student Research Award, The Geological Society of America, 1993
- Martin Van Couvering Award for Best Presentation at American Association of Petroleum Geologists Annual Meeting, 1992
- Graduate Student Teaching Award, University of California at Davis, 1989 - 1990

- Travel award granted by "*Ministère de la Communauté Française Belgique*" for thesis, 1984

EXTERNAL MEMBER OF PHD JURIES

- AT THE VUB

- BENOÎT SMETS, Dynamics of volcanic activity in a youthful extensional setting studied by means of remote sensing and ground-based monitoring techniques, 8 November 2015
- JAN KUNNEN, A search for dark matter in the center of the Earth with the IceCube neutrino detector, 26 November 2015
- STIJN BLYWEERT: Measurement of the top quark mass and the difference of top and anti-top mass, 18 October 2013
- JAN VRIJENS: Trace metal analyses in the general Flemish population and in the hot spots Genk-Zuid and Menen, April 2013
- AURÉLIE MAGNIER: Trace metal speciation in river waters from urban and industrial areas, May 2012, (secretary)
- ANNE-JULIE CAVAGNA: The biological carbon pump of the Southern Ocean, 3 study-cases, 3 stable isotope tools, Dept. of Chemistry, October 2010 (president)
- STÉPHANIE JACQUET: Barium in the Southern Ocean: Towards an estimation of twilight zone C mineralization, Dept. of Chemistry, May 2007
- DAVID GILLIKIN: Geochemistry of Marine Bivalve Shells: the potential for paleoenvironmental reconstruction, Dept. of Chemistry, July 2005 (president)
- MARGARET CHEN: Suspended matter and flocculation in the estuarine environment, Dept. of Chemistry, September 2003
- KOEN PARMENTIER: Trace metals in the Schelde estuary, Dept. of Chemistry, June 2003.
- BORIS DEHANDSCHUTTER: Study of recent structural evolution of continental basins in Altai-Sayan (Central Asia), Dept. of Geology, Sept. 2001 (president)
- SOPHIE VERHEYDEN: Speleothems as paleoclimate archives, Dept. of Geology, May 2001
- KOEN VAN DEN DRIESSCHE: Potentials of stable water isotopes as natural tracers in the Schelde basin, Dept. of Geology, April 2001

- AT OTHER UNIVERSITIES

- ANDREA BAZZANO, Isotopic analysis of environmental samples using inductively coupled plasma mass spectrometry, University of Genoa, Doctoral school of Chemical and Materials Sciences and Technologies, 8 March 2016
- SIMON DHAENEN, characterization of early Eocene hyperthermals using benthic foraminiferal assemblages and stable isotopes, Katholieke Universiteit Leuven, 11 November 2015
- ABDUS SAMAD AZAD: Sedimentation in the Ritland impact structure, western Norway, University of Oslo, Norway, 27 May 2013
- CLÉMENT SUAVET: Contribution à la caractérisation physique et isotopique des micrométéorites, Université de Aix-Marseille III, CEREGE, June 2009.
- LOUISE CONEY: Petrology and geochemistry of impactites from the Bosumtwi crater (Ghana), Univ. of Witwatersrand, South Africa, December 2008
- DR. ERIC ROBIN: (thèse d'habilitation à diriger la recherche), Des micrométéorites aux impacts de météorites, Université Paris XI, Orsay, June 2008
- STIJN DEWALEDE: Metallogenesis at the Southern margin of the Anglo-Brabant fold belt, Belgium. Katholieke Univ. Leuven, May 2004

- FABRICE MINOLETTI: Mise au point d'un protocole de separation des assemblages de nannofossiles calcaires. Apport a la micropaleontologie et a la geochimie des producteurs carbonates pelagiques, Univ. Paris VII, Geology, Dec. 2002
- EMMA BOWDEN: Effects of loading path on the shock metamorphism of porous quartz: An experimental study, Univ. College London, Mai 2002.

MEMBER OF NATIONAL SCIENTIFIC COMMISSIONS AND/OF SCIENTIFIC UNIONS (SINCE 2001)

- Member of *Scientific Advisory Committee* of EIG Euridice (*European Underground Research Infrastructure for Disposal of nuclear waste In Clay Environment*) an Economic Interest Grouping (EIG) involving the Belgian Nuclear Research Centre SCK-CEN and the Belgian Agency for Radioactive Waste & Enriched Fissile Materials (ONDRAF/ NIRAS) (2013 - present)
- Member of the advisory board of Scientific Policy council of the Brussels Capital Region (2011 - present)
- President of "*Geologica Belgica*", the Belgian Association of Geologists (2011 - 2013).
- Member of the Inter-University Attraction Pole (IUAP) *Planet TOPERS* (Planets: Tracing the Transfer, Origin, Preservation, and Evolution of their ReservoirS), (2012-2017).
- Vice-president of the expert panel W&T8: Earth & Space Sciences, FWO Research Foundation Flanders, (2010 - 2016)
- Member of Evaluation commission: Research programmes and Actions at Belgian Scientific Institutes - Space Pole, (2008 - 2010)
- Member FNRS Research Funding Belgian French Community, Commission Scientifique Géographie, Géologie, Minéralogie, (2003-2010)
- National Committee of the Geological Sciences of the Royal Academies for Sciences and the Arts of Belgium (2002 - present)
- National Committee of the Quaternary Sciences of the Royal Academies for Sciences and the Arts of Belgium (2005 - 2011)
- Head of the Belgian committee in charge of organization of events for the "*International Year of Planet Earth*" (2007 - 2009), <http://www.anneedelaterre.be/nl/index.html>)
- Organization board of Earth and Space Week (7 - 11 April 2008) to promote Earth and Space Sciences among Belgian high school students (<http://www.eurospace.be>)

MEMBER OF INTERNATIONAL SCIENTIFIC COMMISSIONS AND/OF SCIENTIFIC UNIONS (SINCE 2001)

- Member of the *Science Advisory Group* of the International Continental Scientific Drilling Program (ICDP, <http://www.icdp-online.org/home/>) 2014 - present
- Member of the management committee of the EU Cost Action TD1308 Origins (Origins and Evolution of Life on Earth and in the Universe), (2014 - present) http://www.cost.eu/COST_Actions/TDP/Actions/TD1308
- Member of review board of the "Nordic Top-level Research Initiative: NordForsk's Call *Collaboration Projects Green Growth in an Era of Climate Change*", (2013).
- Member of the "*Geology and Public Policy Committee (GPPC)*" of the Geological Society of America (GSA), GPPC is an important and active organ of the GSA governance structure dealing with public issues and policy makers (2010 - 2013).
- Member of review board" of the "Darwin center for Biogeology" Universiteit Utrecht (2006 - 2007).
- Belgian representative within the "*International Lithosphere Program*" of the "International Council of Science (ICSU), the International Union of Geological Sciences (IUGS) and the International Union of Geodesy and Geophysics (IUGG) (2004 - 2010) (<http://www.sclilp.org>).
- Secretary of the Steering Committee of the European Science Foundation Program: *Response of the Earth System to Impact Processes* (1998-2003).

EDITORIAL BOARDS AND REVIEWER

- Editorial Board member, *Impact Studies*, Springer, Earth Sciences, (2010-present)
- Associate Editor, *Geochemical Journal*, published by the Geochemical Society of Japan (2007-present)
- Editorial Board of "eEarth" Electronic Journal of *European Geosciences Union* (EGU) <http://www.copernicus.org/EGU/ee/> (2006 – 2009)
- Regular reviewer for *Science* (± 3 articles/year), *Nature* (± 2 /year), *Earth and Planetary Science Letters* ($\pm 3-5$ /year), *Geology* (± 5 /year), *Geochimica Cosmochimica Acta* (± 3 /year), *Meteoritics and Planetary Sciences* (± 4 /year) etc.
- Proposal reviewer: US National Science Foundation, NASA, CNRS-ANR, UK National Research Council Physical Sciences, INTAS, European Science Foundation, New Eurasia Foundation (FNE), Moscow, etc.

GUEST PROFESSOR OR VISITING RESEARCHER (EXTENDED STAYS)

- University of California, Berkeley, Dept. of Earth & Planetary Science, California, December 2009, 2008, Summer 2008, 2009, 2012.
- Planetary Science Institute, Tucson, Arizona, December 2010.
- Planetary Institute (Tucson Arizona): July – August 2007
- University of Copenhagen, September 2006, impact process and the KT boundary event, in the framework of a joint Master program course for Scandinavian Universities
- Centre de Recherche Petrographique et Geochimique de Nancy & Université de Nancy course: "Processus d'impact dans le système solaire", in the Master program "Sciences Planétaires" March 2006, + field trip at the Ries crater, Germany
- Université de Bordeaux, 1^e Journées Exobiologiques de Bordeaux, "Origines de la vie sur Terre et vie dans l'Univers", May 2006
- January 1998 – June 1998, Guest professor (professeur invité), Ecole des Mines de Paris, France
- October 1993 – December 1993, Guest professor University of Camerino, Italy

INVITED LECTURES

- Université du Québec at Montréal, GEOTOP undergraduate-graduate seminar, November, 29th 2015
- Tokyo Metropolitan University, The Global Human Resource Program Bridging Across Physics & Chemistry, Tokyo, Japan, January 31, 2014 (<http://www.comp.tmu.ac.jp/tmuorg/topGP.html>)
- ActUA – Antwerp University, Antwerpen, Belgium, January 9, 2014.
- Groupe de recherche interuniversitaire sur les eaux souterraines (GRIES) et l'Association Internationale des hydrogéologues (AIH-Qc), Montreal, Québec, Canada, September, 25, 2013
- GEOTOP, network McGill-UQUAM, Montreal, Québec, Canada, September 23, 2013
- Université du Québec à Montréal, dept. Science de la Terre et de l'Atmosphère, Montréal, Québec, Canada, September, 26, 2013
- Museum d'Histoire Naturelle de Paris, France, June 12, 2013
- University of Oslo, Oslo, Norway, May 28, 2013,
- Max Plank Institute for Chemistry, Mainz, Germany, May 23, 2012
- 15th Sigma-Aldrich organic synthesis Symposium, Spa, Belgium, December 1st 2011
- American Association of Petroleum Geologists, Ghent Chapter, February 15, 2011
- Graduate School of Science & Engineering, Tokyo Metropolitan University, Tokyo, June 11, 2010
- Belgian Cristal growth competition (Kristalgroeiwedstrijd/Compétition de Croissance cristalline 2010), Royal Belgian Academy of Sciences, May 12, 2010.
- Association of Geologists from Ghent University, Ghent, December 10, 2009,

- Dept. of Geological and Environmental Sciences, Stanford University, Palo Alto, Ca. August 12, 2009
- CEREGE (Centre Européen de Recherche et Enseignement des Géosciences et de l'Environnement), Aix en Provence, France, July 1, 2009
- Collège Belgique de l'Académie Royale des Sciences, des Lettres et des Beaux-Arts, Brussels, February 5, 2009
- Paleontological Institute, Shenyang, China, November 20, 2008
- Geoscience Research Center, Jilin University of Changchun, Changchun, China, November 16, 2008
- Getty Conservation Center, Los Angeles, CA, USA, August 6, 2008
- Southwest Research Institute, Boulder, Co. USA, October 26, 2007
- Belgian National Committee for Geodesy and Geophysics, Royal Observatory, Uccle, March 8, 2007
- Museum d'Histoire Naturelle, Paris, France, April 25, 2006
- University of California at Berkeley, Celebration in honor of Walter Alvarez, January 7, 2006
- Université de Liège, Geologica Belgica "day of the young scientists, Liège, October 7, 2005
- International Meteor Conference, Oostmalle, Belgium, September 16, 2005.
- Académie Royale de Belgique, classes des Sciences, Brussels, Belgium, July 3, 2004
- Centre de Recherche Pétrographique et Géochimique CNRS, Nancy, France, March 11, 2004.
- Université de Liège, Dept. de Géologie, Liège, Belgium, November 18 2003,
- Collège de France, "*Chaire de biologie historique et évolutionnisme*" Paris, France, June 10-11 2002
- Mesozoic – Cenozoic Bio-Events Conference, Museum fuer Naturkunde, Berlin, Germany, November 2002
- European Space Agency, Noordwijk, The Netherlands, June 2002
- Musée des Dinosaures, Espéraza, France, September 1999
- Universitaet zu Kiel, Institut fuer Geophysik, Kiel, Germany, Jan. 1999.
- University College London, Dept. of Earth Sciences, London, UK, Dec. 1998
- Ecole des mines de Paris, Paris, France, Nov. 1998
- Katholieke Universiteit Leuven, Dept. of Geosciences, Belgium, Nov. 1998
- Universitaet Potsdam, Institut fuer Geowissenschaft, Potsdam, Germany, June 1998
- Instituto de Geologia, Universidad Nacional Autónoma de México, Mexico, March 1998
- University of California at Davis, Dept. of Geology, Davis California, Dec. 1997
- Lawrence Berkeley National Laboratory, Guest Professor Seminar, Dec. 1997
- Universitaet Erlangen, Institut fuer Geologie, Erlangen, Germany, June 1996
- University of California at Berkeley Dept. of Geology and Geophysics, California, March 1996
- Stanford University, Dept. of Earth Sciences, March 1995
- Université Libre de Bruxelles, Faculté des Sciences, conférence facultaire, November 1994
- Association française des professeurs de biologie-géologie (APBG), November 1994.

INVITED TALKS AT SCIENTIFIC MEETINGS

- Japan Astro-physics & -chemistry meeting, Tokyo Metropolitan University, Tokyo, Japan, January 29 – 30, 2014, *Antarctic Meteorite Search: Belgian Research Program*

- Geological Society of America, Annual Meeting, Denver, October 3, 2010, *Formation of the megablock zone during the Chicxulub cratering event*
- 33rd International Symposium on Antarctic Meteorites, Tokyo, Japan, June 8, 2010, *Antarctic Meteorite Search: Belgian Activities*
- 63rd Geological Congress of Turkey, Ankara, Turkey, April 8, 2010, *Biogeoevolution: Interactions from the Planetary Scale Down to the Micro-scale of the Fungi, Bacteria and Mineral Worlds*
- Geological Society of America, Annual Meeting, Houston, November 7, 2008, *The Chicxulub Impact Melt-Rock.*
- American Geophysical Meeting, San Francisco, December 11, 2007, *Cause(s) of the elevated bombardment in the late Eocene*
- Deep Impact as a World Observatory Event, Workshop organized by European Southern Observatory, Brussels, August 8, 2006,
- European Space Agency 40th ESLAB Symposium: First International Conference on Impact Cratering in the Solar System - ESTEC, Noordwijk, The Netherlands, 8 – 12 May 2006
- Exobio 03 "Des atomes aux planètes, sur les chemins de la vie" Ecole doctorale du CNRS, Propriano, Corsica France, September 20-27, 2003
- Keynote speaker Conferencia International Bioeventos, Murica, Spain, June 3-8 2003
- EGS-AGU-EUG 7 April 2003, Joint assembly, *Union Symposium: The Chicxulub crater Scientific Drilling Project: cratering processes and the K/T boundary link*, Nice France, 7 April 2003
- Mesozoic – Cenozoic Bioevents conference, Natural History Museum, Berlin, Germany Nov. 21-22 2002
- Geological Society of America, Annual Meeting, *Session: Impact Stratigraphy*, Denver, Co. USA, 29 Oct. 2002
- European Space Agency, 36 ESLAB Symposium *Earth like planets and Moons*, Noordwijk, The Netherlands, June 5 2002.
- European Geophysical Society, XXVII General Assembly, *Session: Risk assessment and Implications of Near Earth Object Impacts*, Nice, France, 26 April, 2002.

SCIENTIFIC EXPEDITIONS AND FIELD WORK (EXTENDED STAYS)

- Field work in North Quebec and Ontario, visit and sampling of impact craters and potential ejecta formation (Sudbury, Charlevoix, Chibougamau...), 4 weeks during summer 2014
- Study of Cretaceous-Tertiary Boundary outcrops in Yucatan and Chiapas, Mexico, May & July 2013
- Study of Cretaceous-Tertiary Boundary outcrops in Yucatan, Belize and Chiapas, Mexico, July 2011
- Sampling of Cretaceous-Tertiary Boundary outcrops in the Denver Basin, April 2010,
- Geo-Archeological study of Late Bronze Age site of Hala Sultan Tekke, Larnaca, & field work sampling geological formation around Cyprus, April 2005, April 2007, March 2008 (<http://www.vub.ac.be/geoarchaeology/News.html>)
- Study and sampling of Cretaceous-Tertiary Boundary outcrops in Colorado & New Mexico, USA, November 2004
- Bosumtwi crater drilling project, Lake Bosumtwi, Kumasi region, Ghana, September 2004, (http://www.icdp-online.org/front_content.php?idcat=391)
- Study and sampling of Upper Cretaceous and Cretaceous-Tertiary Boundary outcrops in the Apennines, Marche region, Italy, Summers 2003, 2006, 2010

FUNCTIONS AND ORGANISATIONS OF SCIENTIFIC MEETINGS

- Chairman & (Co) Organizer of a *Pardee Keynote Symposium* "Back to the Future: Eocene–Early Oligocene Climatic Response to Geological Processes and Implications for the Future Earth" during the 2013 Annual Geological Society Meeting in Denver, Co. USA, 30 October 2013, (<http://community.geosociety.org/2013AnnualMeeting/Sessions/Keynote>).
- Session (Co) organizer & chairman "Younger Dryas: Extraterrestrial impact or not?" American Geophysical Union Fall Meeting, San Francisco, CA, USA, December 16, 2009 (http://www.agu.org/meetings/fm09/fm09-sessions/fm09_PP31D.html)
- Organization of the *Calewaert Chair 2009*, "Darwin & Evolution" VUB, Faculty of Sciences and Bio-Engineering, invitation and hosting of 7 external speakers, co-organizer with Edward Keppens, February – March – April 2009
- Co-organizer of the *Workshop* "Marine impacts and the environmental consequences: the Mjølnir scientific drilling project", September 2007, Svalbard, Norway,
- Member of the scientific committee of the school "Exobio 07" organized by the CNRS September, 2007, Propriano, Corsica
- Co-Organizer and co-field trip leader: Geological Society of America Field Forum: *Bolide impact on wet targets*, Nevada, USA, 23-28 April 2001
- Member of the "comité scientifique" van Exobio 05, organized by the CNRS September 2005, Propriano, Corsica
- Convenor session: Ejecta distribution in Earth History, European Geophysical Society Meeting, Nice, France, 7 – 11 April 2004
- Convenor/chairman: Special session: Impacts and asteroid hazards, Goldschmidt Conference of Geochemistry, Davos, Switzerland, 18 - 23 August 2002
- Co- organizer and field trip leader: Geological Society of America Field Forum: Bolide impact on wet targets, Nevada, USA, 23 - 28 April 2001
- Co-organizer 7th Meeting of the ESF Impact program: Submarine Craters and Ejecta-Crater Correlation, Svalbard, Norway, 28 August – 3 September 2001.

PROFESSIONAL MEMBERSHIPS

American Association for Advancement of Science, Geochemical society, Meteoritical society, Geological Society of America, American Geophysical Union, Geologica Belgica.

PERSONAL INFORMATION

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PUBLICATIONS (available as PDF files at <http://we.vub.ac.be/~dqlg/Web/Claeys/Claeys.htm>)

- Google Scholar H-index=29;
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B) AUTHOR OF ARTICLES IN SCIENTIFIC MONOGRAPHS WITH INTERNATIONAL PEER-REVIEW (* INDICATES PHD STUDENT OR POSTDOC AS 1ST AUTHOR)

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H) REPORTS

- De Bondt K. & Claeys Ph., 2010, Avenant au rapport d'étude « Capacités naturelles d'absorption de l'eau de pluie par les sols en Région de Bruxelles-Capitale »: Etude des facteurs topographiques et hydrogéologiques liés au risque d'inondation et délimitation de zones d'action pour une gestion du risque d'inondation en adéquation avec l'environnement hydrogéologique, à Forest. Bruxelles Environnement – Division Nature, Eau et Forêt, 9 p.
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I) VULGARISATION ARTICLES AND BOOKS

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- Claeys, Ph. and De Bondt K., 2012, Floods reduction in Brussels, p. 233-240, in "*Bridge over trouble waters*", ed. Marleen Wynants, VUB Press, ISBN 978-90-7028-928-7
- De Bondt, K., and Claeys, Ph. 2010, Water retention capacity of geological units within the Brussels region: Natural impact on flooding risk in "*We Can Change the Weather*", ed. Marleen Wynants, VUB Press, ISBN 978-90-5487-6922
- Claeys, Ph., 2010, De K/T grens en het uitsterven van de dinosauriërs, Guidestar, the digital journal of the astro-event group, 12-2010, 78-80, (<http://www.astro-event-group.be/>).
- Goderis, S. & Claeys, Ph, Inslagen van asteroïden en kometen op Aarde, Helaal v. 55, nr. 5, 150-154, May 2010, ISSN 0772-6422 Magazine van de Vereniging voor Sterrenkunde (Journal of the association of amateur astronomers), 150 -154.
- Goderis, S. & Claeys, Ph. Successful hunt for meteorites on the South Pole, Belgium Unlimited - News from Belgium Nr 8/January-February 2010, edited by Kingdom of Belgium, Foreign Affairs, Foreign Trade and Development Cooperation p. 6-8, 2010 (also in Dutch & French versions)
- Claeys, Ph. Asteroids and comet impacts on Earth, in Benton, M. Editor, *Seventy Great Mysteries of Nature*, Thames & Hudson, UK, 2008, ISBN-13 978-0500251430
- Claeys Ph. La limite Crétacé-Tertiaire, le cratère de Chicxulub et l'extinction des dinosaures, L'Artichaut (CEPULB) 23/1, 2005
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- Weseler S., Tagle R., and Claeys Ph., Die todesspuren der dinosaurier, *Theatrum Naturae* 1, 24-27, 2002
- Claeys, Ph. Chapter "Minerals & meteorites" in 'A guide through the Museum': Natural History Museum in Berlin, version 2001
- Claeys, Ph. and Kiessling, W. Das Sterben der Dinosaurier. *Tagesspiegel*, 22 April 2000, p. B5 (+ 2 Figures), 2000.
- Souillat, C. and Claeys, Ph. Le cratère d'impact de Chicxulub: témoin d'une des plus grandes crises biologiques de la planète, *La Lettre De Dinosauria*, 15, 6-10, 2000.
- Claeys, Ph. Extinction, impact and the dinosaurs, *Prometheus*, winter 1999, electronic publication, <http://www.prometheus.demon.co.uk/02/#2021>
- EUROMIN CD-ROM, History of Mineralogy (in English, French and German), developed under EC contract within the Raphaël Program, 1999.

OUTREACH AND MEDIA

WEBSITES – PRESENTATIONS – VIDEO ETC.

- Nuit du Savoir/Nacht van de kennis/Night of knowledge in Brussels nr. 3 Kaaitheater video of the presentation: "How to keep your feet dry in Brussels" (in French and Dutch) <https://vimeo.com/album/3240971/video/118916240>
- <http://we.vub.ac.be/~essc/> Website of the inter-faculty and interdisciplinary Earth System Science
- <http://anneedelaterre.be> Website in French, Dutch and English developed to present the Belgian activities during the "International Year of Planet Earth (IYPE, 2007-2009)", of which I acted as president of the Belgian Committee. This website illustrates the efforts to promote Earth Sciences in Belgium
- As a follow up on the IYPE, I remain actively involved in two outreach projects promoting Earth Sciences in Flanders and financed by the Dept. of Economy, Science and Innovation of the Flemish government (75 k€ each) titles: "*Do rocks have their own life?*" A virtual expedition and digital learning project for high schools and "*Ghent we have a problem*" a virtual trip to Mars for students in the last years of primary school (<http://www.anneedelaterre.be/nl/news.html>)

- Participation in the Space Week 2009 organized by Belgian astronaut Dirk Frimout, the Euro Space Society en BELSPO (Belgian Scientific Policy Office) (<http://www.spaceweek2009.com>).
- Participation in the Earth & Space Week 2009 organized by Belgian astronaut Dirk Frimout, the Euro Space Society en BELSPO (Belgian Scientific Policy Office)
- Regular participation in various outreach activities of the VUB: Crosstalks & Scientific Communication

CONFERENCES FOR BROAD PUBLIC AND SCHOOLS (2006 – PRESENT)

- Hosting of "*De Wetenschapskaravaan – Waterbeheer in Brussel, meer dan een Vlaams probleem*" on 13 October 2015, set of conferences (in Dutch) on the topic of water in Brussels for the continuous education program of the VUB (<http://upv.vub.ac.be/aanbod/waterbeheer-brussel-meer-dan-enkel-een-vlaams-probleem>).
- CEPULB, Centre Education Permanente de l'ULB, October 12, 2015, Brussels
- Lycée Francais, Jean Monnet, March 28, 2013, Brussels
- Speaker at "Het Groene Boek (the green boek)", Zuiderhuispers, May 6th 2012, Antwerpen, Belgium, writers, thinkers, scientists debate over sustainable future, <http://www.kaaitheater.be/productie.jsp?productie=1011>
- Speaker at CampusTalks #10, "Brussel Leefbare Stad (Brussels sustainable city)" Kulturkaffee, VUB, Campus, Brussels, (<http://crosstalks.vub.ac.be/20122011-campus-talks-10-brussel-leefbare-stad-0>)
- Speaker at Technology Day "*Bridge over trouble waters*" March 25th, 2011, Royal Flemish Academy of Belgium for Sciences and Arts (KVAB), Brussels, (<http://crosstalks.vub.ac.be/workshop-1-technology-day-bridges-over-troubled-water>)
- Speaker at *PechaKucha Night* Brussels Vol. 17, March, 24th 2011, Royal Flemish Academy of Belgium for Sciences and Arts (KVAB), Brussels, (<http://pechakucha.architempo.net/>).
- Cross Talks & Flanders Smart Hub, Pecha-Kucha Session, October 27, 2010, Big Blue, Zaventem, Belgium, <http://www.flanderssmarthub.be/events/cleantech-goes-pecha-kucha>
- Café des Sciences, "Astrobiology", May 20, 2010, Ukkel, Brussels
- Brugs Universitaire Centrum, May, 20, 2010, Brugge, Belgium
- Royal Academies of Sciences, speaker at award of "2010 Schools Crystal Growth Competition", May 12, 2010, Brussels
- Lycée Francais, Jean Monnet, March 26, 2010, Brussels
- Natuurpunt, January 16, 2010, Dworp
- Cross Talks, Pecha-Kucha Session, February 9, 2010, VUB - ULB, Brussels (<http://crosstalks.vub.ac.be/campus-talks-04>)
- CEPULB, Centre Education permanente de l'ULB, November 24, 2009, Brussels
- NEOS, VZW, June 18, 2009, Leuven
- Cross Talks, Pecha-Kucha Session, May 9, 2009, Claridge, Brussels
- Lycée Francais, Jean Monnet, May 18, 2009, Brussels
- Museum Koninklijk Belgisch Instituut voor Natuurwetenschappen, March 22, 2009, Brussels
- Centre de Culture Européenne, EU Berlaymont, March 13, 2009, Brussels
- CEPULB, Centre Education permanente de l'ULB, Februari 9, 2009, Brussels,
- Lycée Francais, Jean Monnet, December 8, 2008, Brussels
- Wauterbos centrum, November 21, 2008, Sint Genesius Rode
- Lycée Francais, Jean Monnet, October 21, 2008, Brussels
- Series of lectures (2 per dag) for schools in the framework of the Earth & Space Week 2008 at the Ghent University, April 10, 2008, EuroSpace Center, April 9, 2008 in Transinne; EHSAL high School, April 8, 2008, Brussels

- Museum Koninklijk Belgisch Instituut voor Natuurwetenschappen, Februari 24 (French) and March 2 (Dutch) 2008
- Extension de l'Université Libre de Bruxelles, February 18, 2008, Dour
- Academie voor Mineralogie VZW, September 7, 2007, Merksem
- URANIA Volssterrenwacht/Observatory, series of 4 talks on, January 16 and 23; February 7, and March 20, 2007, Hove
- CEPULB, Centre Education permanente de l'ULB, February 2, 2006, Brussels

RESEARCH COMMUNICATION IN THE MEDIA (2001-PRESENT)

([links op we.vub.ac.be/~dglg/Web/Claeys/html/outreach_philippe_claeys.html](http://links.op.we.vub.ac.be/~dglg/Web/Claeys/html/outreach_philippe_claeys.html))

- 18.10.2015, HET BELANG VAN LIMBURG, comments on dating the migration of Homo sapiens out of Africa.
- 04.10.2015, INTERVIEW FOR THE NEWS (1 PM – 7 PM) of the RTBF "Le Journal", Belgian French Television, , regarding the mechanisms leading to the extinction of the dinosaurs (http://www.rtbf.be/video/detail_jt-19h30?id=2048306).
- 06-07-2015, ARTICLE IN JOURNAL "LE SOIR" RELATED TO OUR RECENT PUBLICATION about how incoherence in cartographic data between Brussels, Flanders and Wallonia complicates water management in Brussels,. It is based on an article published in the journal "Brussels Studies".
- March 1st 2013, DE STANDAARD, L'AVENIR, HUFFINGTON POST, LE VIF, DAILY MAIL, NEW ZEALAND HERALD, GLOBAL POST, AND MANY MORE WORLDWIDE, covered our recent discovery in the blue ice field of Antarctica of a 18 kg meteorite, one of the largest ever, VRT News Film.
- January 24th 2013, DE TIJD, LE SOIR, GAZET VAN ANTWERPEN, KNACK, LE FIGARO, BBC NEWS, SCIENCE DAILY and many others reported on our recent paper in Nature Communication relating the discovery of a new bird-like theropod dinosaur from the Jurassic of China. .
- LE SOIR, RTL, RTBF, ENGINEERINGNET.BE, BULLETINS ELECTRONIC-FRANCE, ETC, news coverage of the VUB-ULB Antarctic mission (2012-2013) to search for meteorites in the Nansen Icefield in collaboration with the National Institute of Polar Research in Japan, and supported by BELSPO and International Polar Foundation.
- November 29th, 2012, HET LAATSTE NIEUWS, EDITIEPAJOT, GAZET VAN ANTWERPEN, DE MORGEN, LE SOIR, HET BELANG VAN LIMBURG, BRUSSELNIEUWS.BE, VANDAAG.BE AND VRT, reported on the first arrival of meteorites from the Antarctic.
- LE SOIR, DE STANDAARD, DE MORGEN, HET LAATSTE NIEUWS, LA LIBRE BELGIQUE, EOS MAGAZINE ETC., Interview on TV VRT-1, for the 7 PM news report, February 2011, covered the 2010-2011 VUB - ULB Antarctic mission to search for meteorites in the region surrounding the Belgian base Princess Elisabeth with the support of BELSPO and International Polar Foundation. Click here to watch/download Movie of the Expedition.
- November 24, 2010, co-signee of an open letter by 24 top Belgian scientists to maintain the funding of the Federal Belgian Science Policy Offices, published in French in Le Soir (*Faut il démanteler la recherche fédérale?*) and in Dutch in De Standaard (*Wetenschap heeft geen boodschap aan taalgrens*, <http://www.standaard.be/artikel/detail.aspx?artikelid=3R32JR6B>)
- November 2010, ARTICLE IN LITHORAMA, Monthly News Bulletin of the Belgian Association of Amateur Paleontologists and Mineralogists, "Successful hunt for meteorites at the South Pole", <http://lithomin.blog4ever.com>
- 31.05.2010, GUEST IN SHOW "visite" produced by AVS television East Flanders, interview/discussion with show host over Earth System Sciences

- 23.04.2010, HET NIEUWSBLAD: "*Verzamel zelf vulkaanas in emmer en help de wetenschap*", article related to our call to the public to collect volcanic ashes from the Eyjafjallajökull eruption
- 01.04.2010, RTBF LE JOURNAL: "*Météorites de l'Antarctique*", short film and interview regarding meteorite collection in Antarctica for the news of the Belgian French Speaking TV
- 26.03.2010, LE SOIR: "*L'Antarctica InBev-Baillet Latour pour l'ULB & la VUB*", related to the award of the InBev-Baillet Latour Antarctica price to Steven Goderis at the VUB
- 24.03.2010, LA LIBRE BELGIQUE: "*Météorites en Antarctique*", related to the award of the InBev-Baillet Latour Antarctica price to Steven Goderis at the VUB
- 07.03.2010, GAZET VAN ANTWERPEN: Nieuws in Beeld "Het was een komeet", full page article over recent publication in Science
- 06.03.2010, HET NIEUWSBLAD: "*Belgische profs bewijzen: meteorite doodde dino's*", article over recent publication in Science
- 05.03.2010, DE STANDAARD: "*Dream team is formeel: Meteoor doodde dino's*"; DE MORGEN, HET LAATSTE NIEUWS "*Dino's stierven wel degelijk uit door meteorietinslag*", GAZET VAN ANTWERPEN; Het Nieuwsblad: "*Geen twijfel meer mogelijk, dino's zijn uitgestorven door meteoriet*", KNACK: "*Meteoriet roeide dino's uit*" + TV en radio interviews, ivm recent publication in "Science".
- 05.02.2010, HET NIEUWSBLAD: "*Vlaamse onderzoekers staan internationaal aan de top*".
- 22.01.2010, SCIENCE NEWSFOCUS v. 327, p. 409: "*Still no mammoth-killer*" by Dick Kerr related to research presented at the 2009 AGU Fall Meeting, in San Francisco.
- 19.01.2010, VRT, RADIO 1, DE OCHTEND: interview related to meteorite search in Antarctica.
- 12.2009, NEWSGUIDE.US & SCIENCEDAILY: "*Absence of evidence for a meteorite impact event 13,000 years ago*" ivm Paquay et al. publicatie in Proceedings of the National Academy of Science US.
- 11.2009, KENNISLINK.NL: "*Toch geen meteorietinslag*" ivm Surovell et al. related to recent publication in the Proceedings of the National Academy of Science US.
- 19.10.2009, DE STANDAARD, DE MORGEN, HET LAATSTE NIEUWS: "*Mammoet stierf niet uit door buitenaardse inslag*", related to recent publication in the Proceedings of the National Academy of Science US.
- 05.01 2009, LE MONDE: "*Une crise écologique tombée du ciel il y a 12900 ans?*".
- 21.12.2008, LE MONDE: "*La double malédiction des dinosaurs*".
- 17.09 2008, KNACK: "*Het Leven is een groot toeval*", 6 pages interview by science journalist Dirk Draulans for a series of articles "*Vlaamse topwetenschappers*" on top Flemish researchers
- 21.06.2008, LE MONDE: "*La thèse de la météorite tueuse de Mammouths sucite de vifs débats*".
- 29.04.2008, KNACK: "*Geologie: Diamant in onze grond*"
- 07.03.2008, SCIENCE NEWSFOCUS v. 319, p. 1331: "*Experts find no evidence for a Mammoth-Killer impact*" by Dick Kerr
- 23.01.2008, KNACK: "*Geologie: Nieuwe Leven*"
- 31.10.2007, KNACK: "*Kosmologie: Biljard wordt bombardement*"
- 28.10.2007, TV, RTBF, LE JARDIN EXTRAORDINAIRE: interview with Claudine Brasseur about the extinction of the dinosaurs during the opening of the new exhibit in the Museum van het Koninklijk Belgisch Instituut voor Natuurwetenschappen.
- 27.10.2007, DE STANDAARD: "*Meer dan sneeuw en ijs*" related to project to search for meteorites in Antarctica.
- 04.09.2007, Le Soir: "*Station belge dans l'Antarctique: "émission zero pour un gain maximal?"*"
- 02.09.2007, DE STANDAARD: "*Meer geld voor Zuidpool*"
- 09.2007, SAN FRANCISCO CHRONICLE, BBC NEWS, CHINA DAILY, TIMES, NPR, EL PERIODICO, GEOTIMES, TELEGRAPH, SCIENTIFIC AMERICAN ETC. Series of articles related to Claeys & Goderis publication in Nature (06.09.2007).
- 29.01.2007, Radio's & TV interviews, REGIONIEUWS, VTM, RTBF, discovery of the *Mont Dieu Meteoriet* and exhibition in the Koninklijk Belgisch Instituut voor Natuurwetenschappen

- 23.03.2006, RICHMOND TIMES-DISPATCH: "*Scientists peruse unearthed cores from ancient Chesapeake bay crater*".
- December 2005, Natuurwetenschap & Techniek, article "*Hoogteziekte in Pangea, gebrek aan zuurstof droeg bij aan massale uitsterving*"
- 20-5-2005, VOOR DE DAG ON RADIO 1, 20 May 2005: VRT journalist Ben Vanheukelom interviews Philippe Claeys
- 8-9-2004, KNACK, Article "*Twee Asteroiden*" by journalist Dirk Draulans
- 31-7-2004, MSNBC NEWS on the web article "*Asteroids may have created ancient craters*"
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