

**Report Meeting Subcommittee Paleogene and Neogene Stratigraphy  
19/12/2018**

**Present:** Stijn Goolaerts, Jasper Verhaegen, Rieko Adriaens, Piet Laga, Rik Houthuys, Peter Stassen, Noël Vandenberghe, Marco Schiltz, Etienne Steurbaut, Kris Welkenhuysen, Stephen Louwye, Katrien De Nil

**Excused:** Johan Matthijs, Jef Deckers, Yaana Bruneel, Hervé Van Baelen, Michiel Duser

**Meeting Report previous meeting 20/04/2018:** Approved.

**NCS Meeting December 2018:**

- Bernard Mottequin is elected as the new president of the NCS. The members of the Subcommittee Paleogene and Neogene Stratigraphy thank Noël Vandenberghe for his much appreciated presidency during many years.
- There is a need to make the NCS-website more user friendly for experts and non-experts, e.g. civil engineers
  - o Statistics show that a substantial part of the users of the NCS-website are redirected via the DOV-website and the new application "Virtual Borehole". The members agree that even more connection between DOV and NCS websites is desirable.
- Key-references should be added on the webpages for the different stratigraphical units
  - o The Subcommittee Paleogene and Neogene stratigraphy will do this for the relevant units
    - Key-reference will be provided on top of the page
    - Other references will also be added
    - Open access papers can also be added provided that they are less than 2MB.
- The tab dealing with alterations should be expanded and is of interest to all subcommittees.
- The role of the subcommittees was stressed and a call for continued update of the lithostratigraphic units was launched
- Geological Map of Wallonia:
  - o The subcommittee will ask for a demo concerning the use of the Neogene and Paleogene units on the Walloon maps.

**Brussels Formation**

Etienne Steurbaut repeats his remarks from the previous meeting concerning the discussion text, as published on the website. He made no advance regarding the Brussels Formation given the priority to finish other publications first. During Spring 2019, he will be able to formulate comments on the present text, dealing with the biostratigraphy and the boundary of the formation and the subunits.

As no textual remarks were submitted, the subcommittee agrees to publish the text as a proposal on the website, with an introductory note written by Rik Houthuys. Comments can now be submitted. See <https://ncs.naturalsciences.be/paleogene-neogene/proposals-and-discussions>

**Beselare and Maaseik Member**

Johan Matthijs did not have the time to finish the article, from which he would distill the proposal text. The discussion text is already a long time on the website. The subcommittee will ask Johan whether it is possible to publish the text as proposal, while he finishes the article.

**Neogene 2020**

The status of the different manuscripts is discussed:

- Introduction: the content of the chapter is discussed. No draft is yet available.
- Diest: Rik Houthuys wrote a text for the co-authors to review and repeats his request for input. A meeting will be organized to discuss the text and the remarks.

- Pliocene: collaboration with Stijn De Schepper on the Pliocene of the Antwerp area is envisaged. Noël Vandenberghe agrees to collaborate on the Pliocene of the Campine area, especially on the Mol Formation.
- Kasterlee: a draft of the manuscript is almost finished. A meeting with the authors is planned in the afternoon.
- 2 papers will be added:
  - o Clay minerals and heavy metals by Rieko Adriaens and Jasper Verhagen.
  - o An overview of CPT's by Marco Schiltz.
- The lower and middle Miocene: Stephen Louwye finished the stratigraphical part, and this was completed with sedimentological data by Jasper Verhagen and Rieke Adriaens. Jef Deckers was asked to provide data on the geographical distribution, the seismics and logs of reference boreholes.
- Oligocene- Miocene: Michiel Duser promised a text by the end of 2018.
- Data inventory: the focus lies on the data inventory. A outline of the text is already available and will be written at the beginning of 2019. The context of the chapter is discussed. Data from the chapters of Stephen Louwye and Piet Laga are still missing.
- Noël Vandenberghe stresses that a synthesis, outlook and lithostratigraphical table must be included at the end of special volume of Geologica Belgica.

Noël Vandenberghe asks for internal reviewers to check the manuscript for internal consistency. Stephen Louwye will contact Michiel Duser whether he want to cooperate on this topic. Each coordinator is responsible to deliver qualitative illustrations for his manuscript.

Publication in Geologica Belgica:

- Stephen Louwye already contacted Annick, the editor of Geologica Belgica, for publication in 2020.
- Lay-out specifications are on the Geologica Belgica website <https://popups.uliege.be/1374-8505/index.php?page=instructions>
- A timing is proposed:
  - o June 2019: all manuscripts should be completed and centralized for internal review
  - o Fall 2019: internal review + editing
  - o Early 2020: deliver a consistent of manuscripts to the editor of Geologica Belgica
  - o Publication Geologica Belgica: 2020

### **Subcommission Event 2019**

A visit to the core repository in Péronnes during the Easter holiday could be an excellent opportunity to discuss selected cores (e.g. the Maaseik borehole) holding recently discussed units in the Neogene working group. The coordinators of the different chapters will be asked to indicate an interval of an interesting core that will be demonstrated and discussed. All members of the subcommission will be invited.

### **Varia**

- Marco Schiltz asks whether stratigraphical data from the works at Oosterweel is gathered somewhere.
- The launch of the Virtual Borehole by DOV was a big success, and is a boost for everyone connected with the subsoil of Flanders. The tool is much appreciated by all subcommissions. It is stressed that site investigation remains important.
- The new version of the Geological 3D Model of Flanders will be completed by the end of 2018, and will be published afterwards. The Virtual Borehole will be elaborated with the new data.

- Flanders has a 'Geotheek', a repository for cores and samples in Vilvoorde. This will be on the agenda of the next meeting.

It is asked whether the mailing list of subcommission can be updated with the most recent email addresses.

The next meeting will be in June 2019. A doodle goes with this mailing.

Visit Péronnes-lez-Binche Easter Holiday 2019

Stephen Louwye, chairman of the SC-PN  
Katrien De Nil, secretary of the SC-PN