

# *Art master class*

## *“Images of the Earth from space”*



**Description:** Participants of the master class will get acquainted with the basics of satellite imagery of the Earth and learn to creatively interpret satellite images using various artistic techniques.



**Age and the number of participants:** 8+

Optimal number of participants in one group is 10-15 persons.



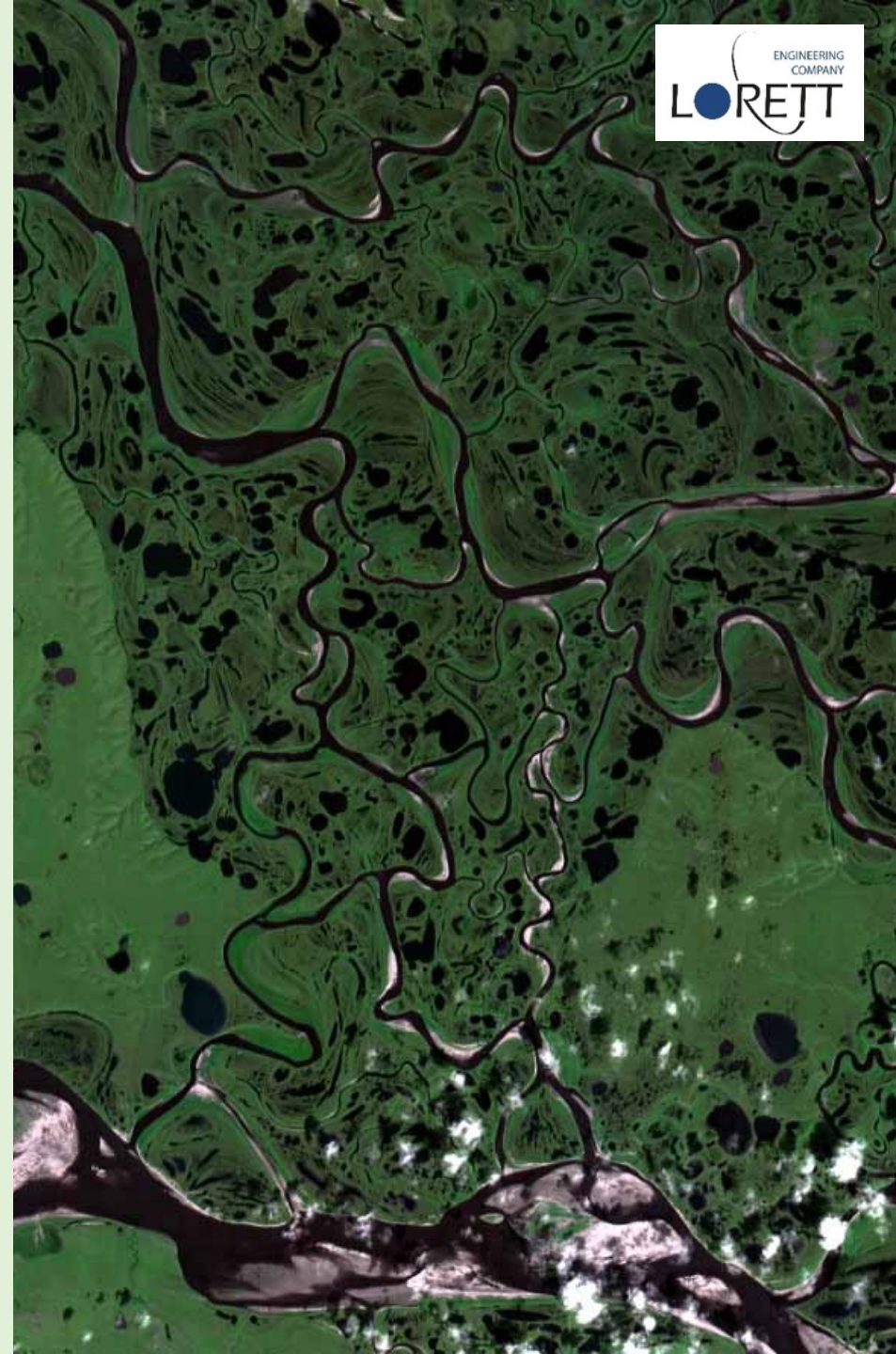
**Duration:** 3 hours.



**Technical requirements:** separate room, computer, a projector, Internet access, tables with the possibility to draw on A3 sheets (according to the number of participants), the possibility to darken the room for viewing the presentation (blackout curtains / blinds).



**Necessary materials:** Every participant should have 2 sheets of A4 paper, 1 sheet of A4, 1 sheet of A3 heavy paper for watercolors, set of brushes of different sizes (squirrel/marten, synthetics), paints (gouache and/or watercolors - 12 colors minimum), simple pencil, water tank. Additionally per group: 1 pencil sharpener, 5 erasers, a rag/napkin to maintain a clean workplace.








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 **Developed skills and competencies** : this technique promotes the development of spatial thinking, imagination and creativity, broadens the horizons in the field of geography, modern space technologies and cartography. It also allows to identify the individual characteristics and talents of each child in the process of mastering the skills of creating drawings based on space photography. The basic skills of decoding satellite images are formed.

### **What the participant will be able to know and understand after passing the master class:**

- to compare the type of territories, objects, processes and phenomena from the earth and from space;
- to understand that every element of the earth's surface has its own color, texture on satellite and distinguishes from other elements in visual characteristics;
- to be able to determine the features of territories, objects, processes and phenomena by color and texture signs on satellite images and graphically identify their boundaries;
- to carry out primary interpretation of a satellite image and transmit, with the help of graphic means, their own vision of the geospatial situation in the analyzed territory.



**Master class summary:** participants will present an exhibition of artwork on the theme “A view on the Earth from space”.



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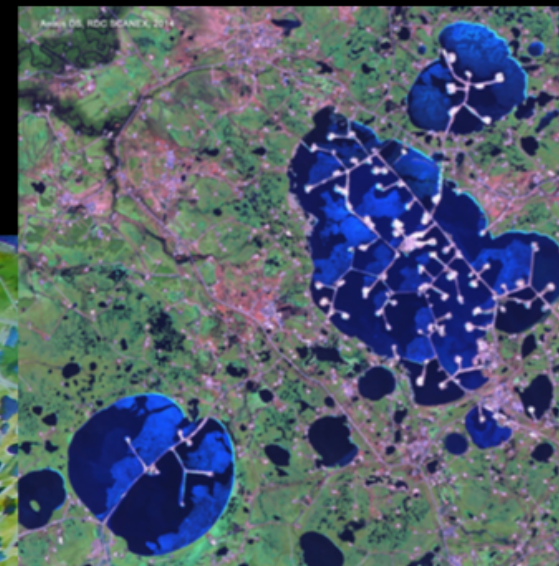
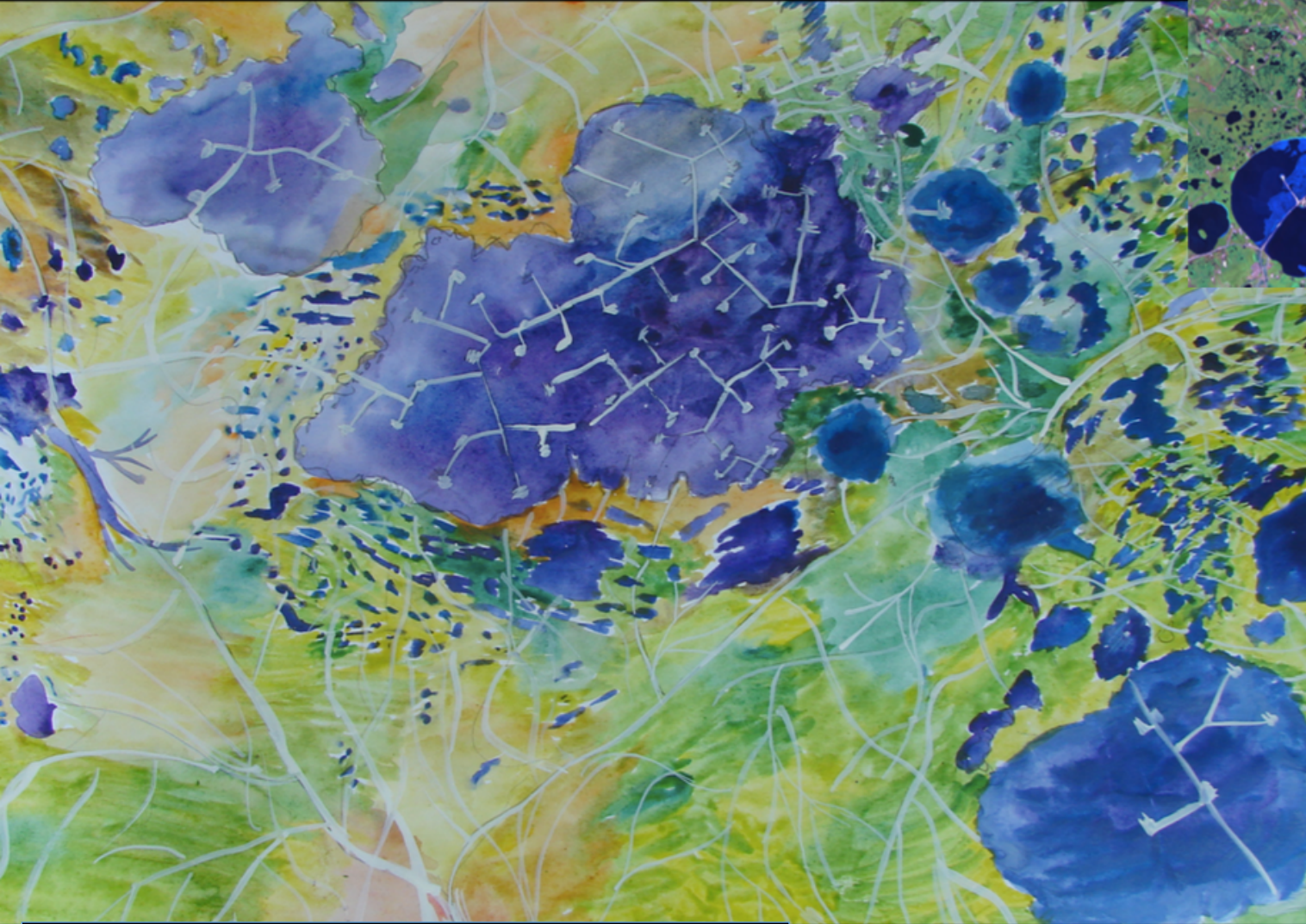
Participants of the art master class «Images of Earth from space» - 10 years old students of Educational Center #7 of Tula, Russia



Gallery of the results of the master class.  
Educational Center #7 of Tula, Russia



# EXAMPLES: SAMOTLOR OIL FIELD



image

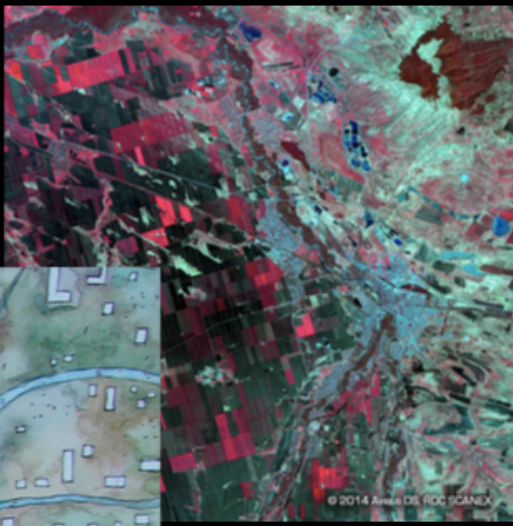
artistic interpretation

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# EXAMPLES: FIELDS, RIVER AND PORT CITY

*Art master class*  
*“Images of Earth  
from space”*



image

artistic interpretation