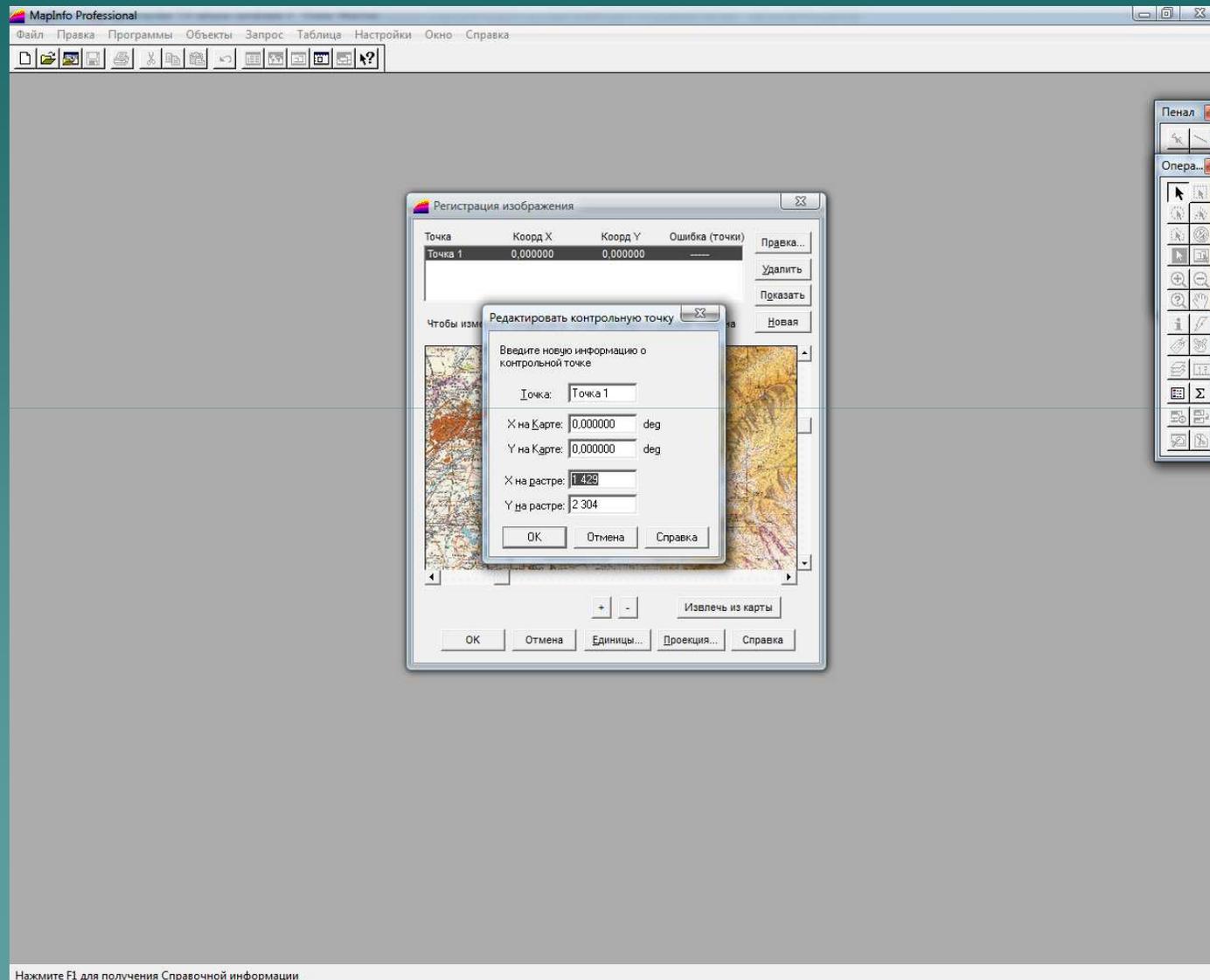


# Создание цифровой модели рельефа (ЦМР) с использованием ГИС MapInfo

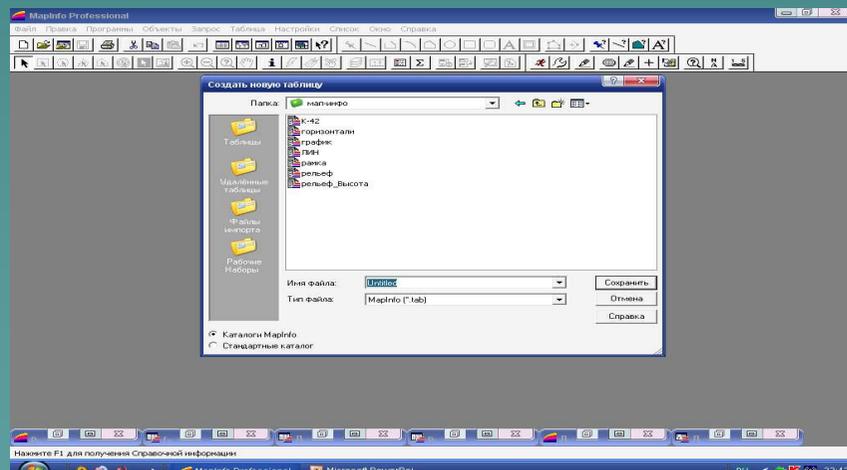
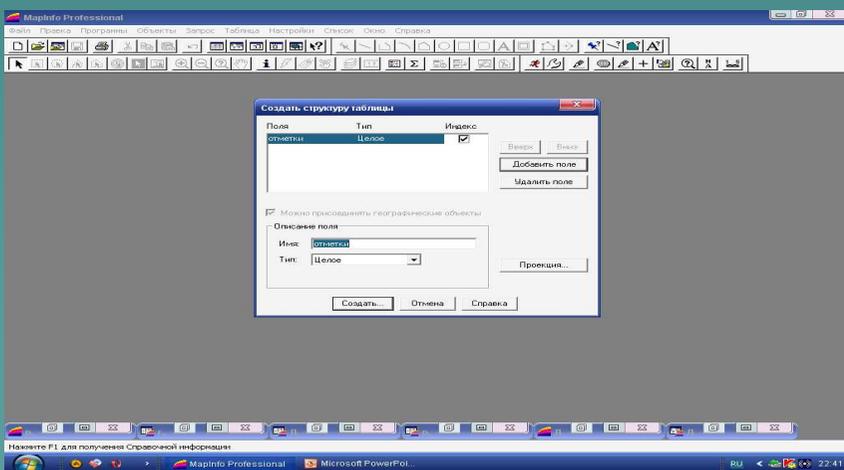
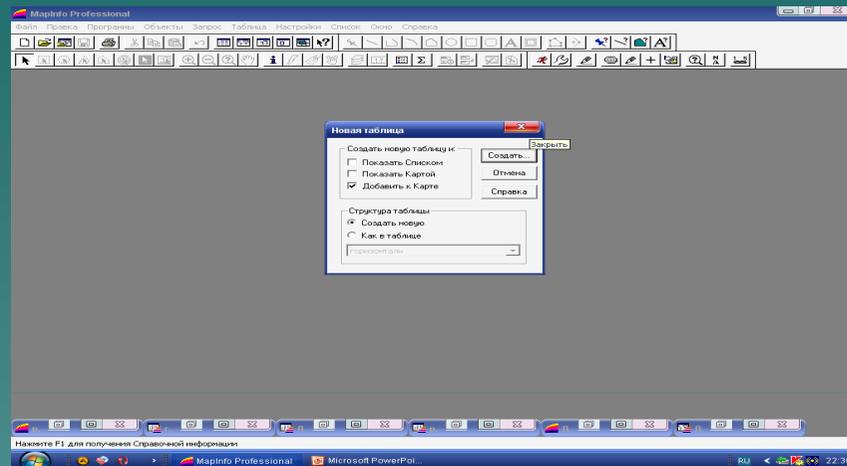
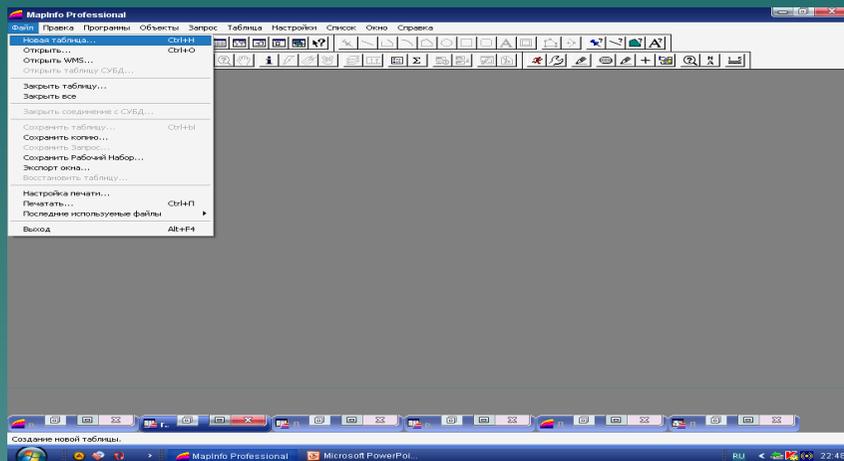
Алгоритм построения  
нерегулярной  
поверхности

A stylized silhouette of a mountain range, rendered in a light teal color, positioned at the bottom right of the slide.

# 1. Регистрация растровой основы



# 2. Создание таблицы атрибутов (отметок земной поверхности)



# Оцифровка горизонталей инструментом «Точка» с внесением высотных отметок в таблицу атрибутов

The screenshot displays the MapInfo Professional interface. The main window shows a map titled "ЛИН,рельеф,графиксрамка,....К\_42 Карта" with digitized contour lines and various geographical labels in Russian, including "Обаяйкуртан", "Обаялды", "Кумайлыкас", "Ата бай", "Намырбулон", "Коммуна", "Урангай", "Урангай", "375", "Чернак", "Каращык", and "Коккорган". The status bar at the bottom indicates a size of 46,67 km and the selected layer is "рельеф".

On the right side, an attribute table window is open, titled "Высота". It contains a list of elevation values, each with a corresponding checkbox:

Высота
<input type="checkbox"/> 1 800,000
<input type="checkbox"/> 2 000,000
<input type="checkbox"/> 2 176,000
<input type="checkbox"/> 225,000
<input type="checkbox"/> 225,000















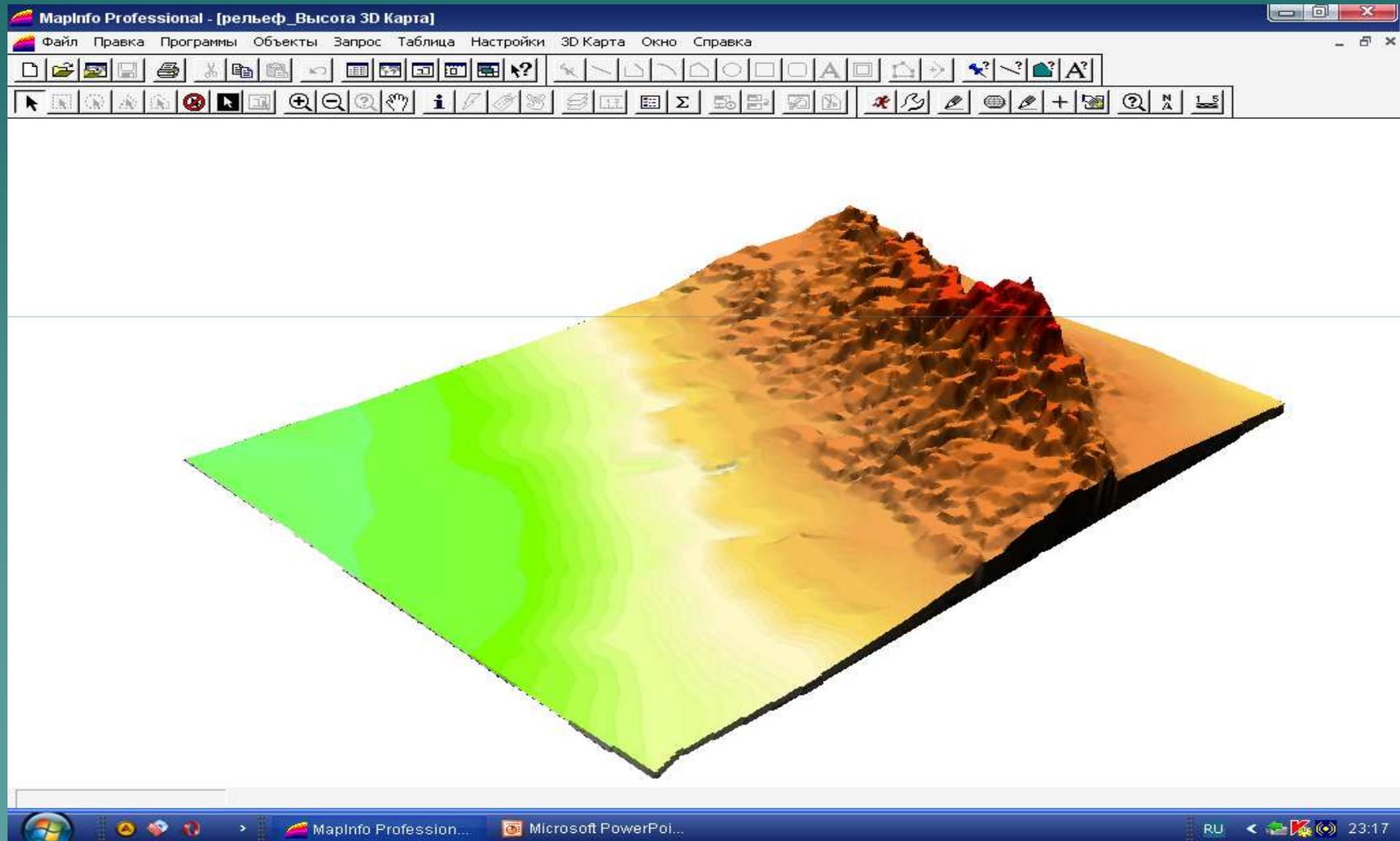
# Настройка 3D карты

The screenshot displays the MapInfo Professional interface. The main window shows a 2D map with a 3D terrain overlay in shades of green and yellow. A dialog box titled "Создать 3D карту" (Create 3D Map) is open, allowing for camera and lighting adjustments. The dialog is divided into several sections:

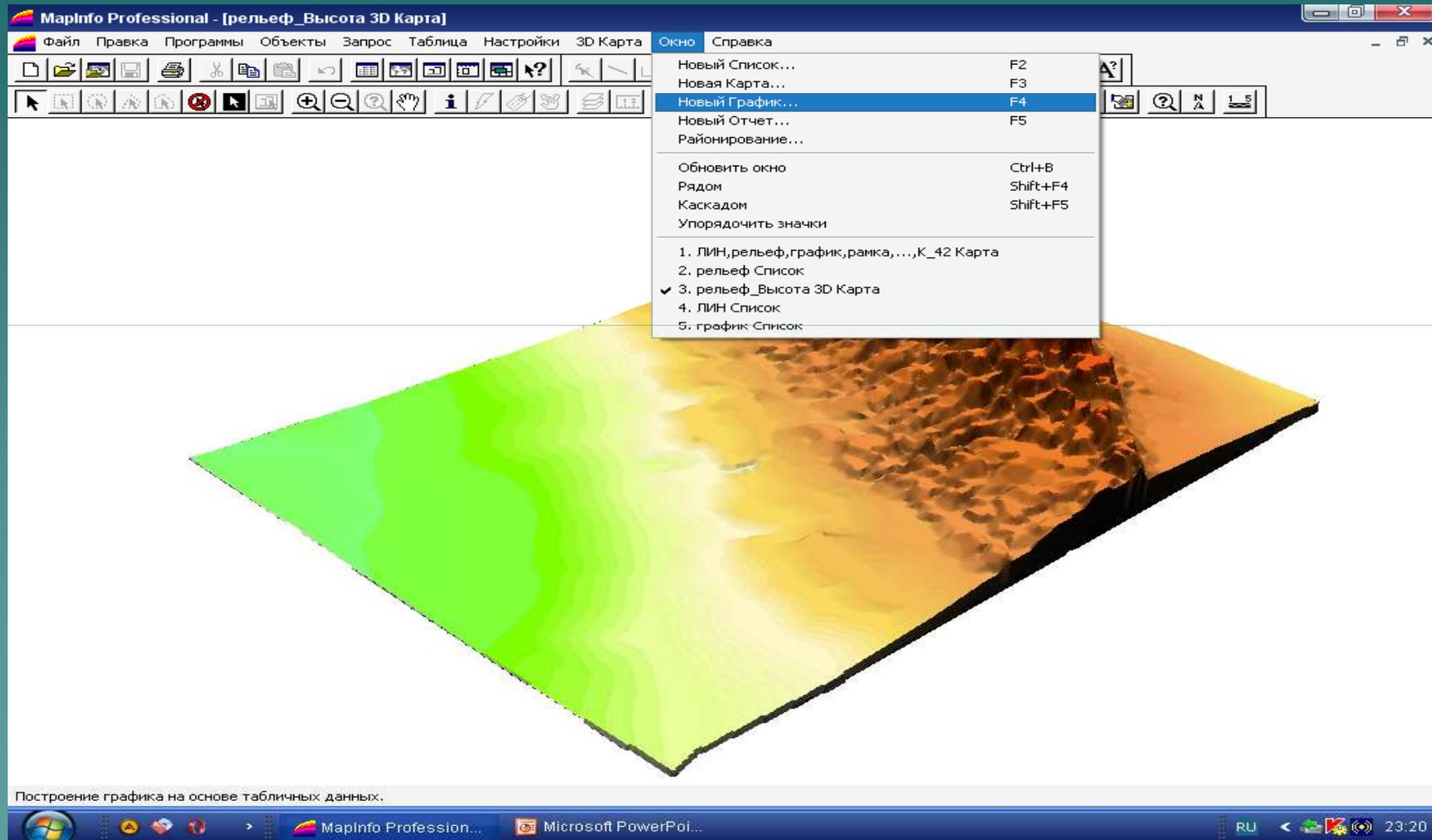
- Камера (Camera):** Includes fields for "Горизонтальный угол" (Horizontal angle) set to 45 and "Вертикальный угол" (Vertical angle) set to 55.
- Освещение (Lighting):** Includes "Позиция" (Position) fields for X (0 km), Y (0 km), and Z (1 km), and a "Цвет" (Color) field.
- Вид (View):** Includes a "Единицы" (Units) dropdown set to "нет" (none), a "Разрешение" (Resolution) field set to "75 на 75", and a "Масштаб" (Scale) field set to 1.
- Цвет фона (Background color):** A color selection box.

Buttons for "ОК", "Отмена" (Cancel), and "Справка" (Help) are located at the bottom of the dialog. To the right of the main map, a vertical panel titled "Высота" (Height) contains a list of elevation values with checkboxes, ranging from 1 800,000 down to 225,000. The Windows taskbar at the bottom shows the system tray with the time 23:16 and the language set to RU.

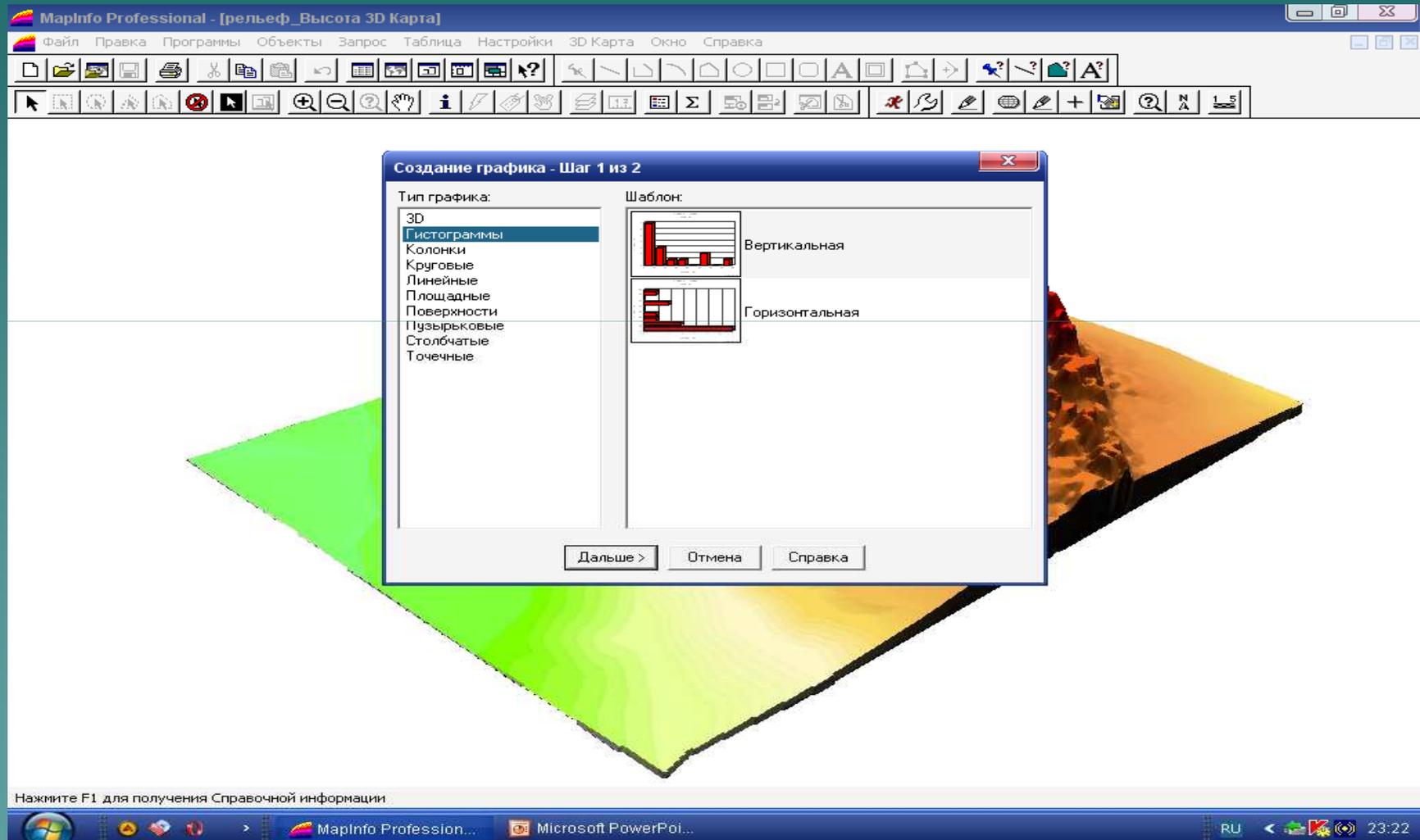
# Результат



# Изучение генезиса рельефа местности с помощью построения гистограммы



# Создание гистограммы



# Настройка гистограммы

