



Ferando Maisadze

Position

Alexandre Janelidze Institute of Geology of I. Javakishvili Tbilisi State University, Department of Tectonics and Regional Geology, Chief Scientist.

Scientific/academic degree, title

Doctor of Geological-Mineralogical sciences (1995). Theme – „Paleogeography and Geological Development of Georgia in the Paleogene Time“. Corresponding Member of Georgian National Academy of Sciences (2009).

Contact Information

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Education

1958-1963 - Faculty of Geography and Geology, Tbilisi State University; speciality – engineer-geologist.

Employment history

1965-1977 - Junior Scientist of Department of Regional Geology;

1977-1992 - Senior Scientist of Department of Tectonics, Regional Geology and Seismotectonics;

1992-2001 - Head of the Sector of Regional Geology in the Department of Tectonics, Regional Geology and Seismotectonics;

2001-2002 - Leading Scientist of Department of Tectonics, Regional Geology and Seismotectonics;

2002-2006 - Chief Scientist of Department of Tectonics, Regional Geology and Seismotectonics;

2006-2009 - Senior Scientist of Department of Tectonics, Regional Geology and Seismotectonics;

2009- to the present day – Principle Scientist of Department of Tectonics and Regional Geology.

Scientific Interests

Regional geology, paleogeography, tectonics and sedimentology.

Publications

1. *I.Gamkrelidze, A.Okrostsvaridze, K.Koiava, F.Maisadze* (2021).Springer/Springer Nature / Geotourism Potential of Georgia, the Caucasus. Geoheritage, Geoparks and Geotourism (Conservation and Management Series), pp. 1-10.
2. *I.Gamkrelidze, A.Okrostsvaridze, K.Koiava, F.Maisadze* (2021).Springer/Springer Nature / Geotourism Potential of Georgia, the Caucasus. Geoheritage, Geoparks and Geotourism (Conservation and Management Series), pp. 11-24.
3. *I.Gamkrelidze, A.Okrostsvaridze, K.Koiava, F.Maisadze.* (2021).Springer/Springer Nature / Geotourism Potential of Georgia, the Caucasus. Geoheritage, Geoparks and Geotourism (Conservation and Management Series), pp. 25-55.
4. *I.Gamkrelidze, A.Okrostsvaridze, K.Koiava, F.Maisadze* (2021).Springer/Springer Nature / Geotourism Potential of Georgia, the Caucasus. Geoheritage, Geoparks and Geotourism (Conservation and Management Series), pp. 57-81.
5. *I.Gamkrelidze, A.Okrostsvaridze, K.Koiava, F.Maisadze.* (2021). Geotourism Potential of Georgia, the Caucasus (Hystory, Culture, Geology, Geotourist Routes and Geoparks//Springer, Germany. P. 81.
6. ***F.Maisadze*** (2020). New Data on Tbilisi Olistostromes//Bull. of the Georgian Nat. Acad. of Sciences, vol. 14, no 1, pp. 76-82.
7. ***F.Maisadze*** (2019). Catastrophic Events and the Related Sedimentary Formation//Al. Janelidze Institute of Geology of Iv.Lavakhishvili Tbilisi State University Proceedings. New Series. Vol. 132, pp. 52-65 (in Georgian).
8. *I.Gamkrelidze, A.Okrostsvaridze, F.Maisadze, L.Basheleishvili, G. Boichenko, I.Skhirtladze* (2019). Main Fratures of Geological Structure and Geoturism Potential of Georgia, the Caucasus //Modern Environmental Science and Engineering. V. 5, pp. 422-442.
9. ***F.Maisadze, L.Basheleishvili*** (2019). Regressive deposits and folding phases (on the example of the Mesozoic-Cainozoic history of the South Caucasus) // Proceedings of the IX International Lithological Conference of Russia. Pp. 267-268.
10. *I.Gamkrelidze, F.Maisadze* (2016). Formation Conditions of Upper Eocene Olistostromes and Retro-Overthrusts at the Southern Slope of the Greater Caucasus//Geotectonics, no 6, pp. 598-607.
11. ***F.Maisadze*** (2016). Some Data on the Rate of Sedimentation // Bulletin of the Georgian National Academy of Sciences, v. 10 № 2. 79-87.
12. ***F.Maisadze*** (2015). About the Rate of Sedimentation (on the Example of Western Abkhazia) // Materials of the VIII Russian Lithological Conference. Vol. I, pp. 107-111.
13. ***F.Maisadze*** (2015). The Influence of Geological Conditions on the Rate of Sedimentation (on the Example of Western Abkhazia)//Proceedings of Institute of Geology of the Georgian Academy of Sciences, new series, issue 127, pp. 104-112 (in Russian).
14. ***F.Maisadze*** (2013). Formation of Eocene “Event Deposits” of the Southern Slope the Greater Caucasus//Materials of the VII Russian Lithological Conference. Vol. II, pp. 209-213.
15. ***F.Maisadze*** (2013). Duration of Cenozoic Orogenies (on the example of Georgia)//Bull. of the Georgian Nat. Acad. of Sciences, vol. 7, no 2, pp. 97-104L.
16. ***F.Maisadze, T.Tsutsunava*** (2012). Geological Catastrophes and Event deposits//Proceeding of World Forum International Congress, London, pp. 217-224.
17. ***F.Maisadze*** (2012). Duration of Mesozoic Orogenies (on the example of Georgia)//Bulletin of the Georgian National Academy of Sciences, vol. 6, N 2, pp. 100-110.
18. *I.Gamkrelidze, F.Maisadze, G.Nadareishvili, L.Basheleishvili* (2010). Guide-book of Geological Excursion//Publishing House – Center “BENE-TONE”, 35 p.

19. *I.Gamkrelidze, F.Maisadze* (2010). Some New Considerations on the Age, Composition, Geological Position and Genesis of Olistostromes of the Southern Slope of the Greater Caucasus (within Georgia)//Bulletin of the Georgian Nation. Acad. of Sciences, vol. 4, no 2, pp.103-116.
20. *F.Maisadze* (2008). Event Deposits in Chaotically Built Formations//Bull. of the Georgian Nat. Acad. of Sciences, vol. 2, № 3, pp.79-87.
21. *F.Maisadze* (2008). Cenozoic Orogenic Phases and Sedimentation (on the example of Georgia)//Proceedings of Geological Institute of the Georgian Academy of Sciences, new ser., issue 124. pp. 36-43 (in Russian).
22. *F.Maisadze* (2006). On the Mechanism of Olistostromes Genesis (on the example of Eocene sediments of Georgia)//Bulletin of the Georgian Nation. Acad. of Sciences, vol. 174 №1, pp. 99-107.
23. *F.Maisadze* (2005). The relationship between sedimentation and orogenic phases on the example of Mesozoic-Cenozoic sediments in Georgia//Bull. of the Georgian Nat. Acad. of Sciences, vol., 171 №1. pp. 85-89.
24. *F.Maisadze* (2004). Mesozoic Orogenic Phases and Sedimentation (on the example of Georgia)//Proceedings of Geological Institute of the Georgian Academy of Sciences, new series, issue 119, pp. 68-78 (in Russian).
25. *F.Maisadze* (2002). On the Products of Eocene Volcanism on the Southern Slope of the Greater Caucasus and Georgian Block (within the boundaries of Georgia)//Proceedings of Geological Institute of the Georgian Acad. of Sciences, new series, issue 117, pp. 80-84 (in Russian).
26. *F.Maisadze* (2001). On the Kinta Suite//Bull. of the Georgian Acad. of Sciences, 164 №1, 94-97.
27. *F.Maisadze* (2000). On the Relation Between Sedimentation and Orogenetic Phases (by the example of Paleogene of the Caucasus)//Proceedings of Geological Institute of the Georgian Academy of Sciences, new series, vol. 115, pp. 242-246 (in Russian).
28. *R.Gambashidze, L.Basheleishvili, A.Kavelashvili, G.Lobjanidze, F.Maisadze* (1999). Geological-Structural Position of the Racha Earthquake of April 29, 1991//Journal of Georgian Geophysical Association. Issue (A), Solid Earth, vol. 4, pp. 97-102.
29. *F.Maisadze* (1999). Paleogeography and Geological Development of Georgia in the Paleogene Time//Publishing House "Intelect". 214 p. (in Russian).
30. *F.Maisadze* (1998). On the Orkhevi Thrust//Bull. of the Georgian Acad. of Sciences, 158 № 3, pp. 462-465.
31. *F.Maisadze* (1998). The Paleogeography of the Flysch Basins of the Southern Slope of the Greater Caucasus in the Paleogene//Proceedings of Al.Janelidze Geological Institute, pp.127-130 (in Russian).
32. *F.Maisadze* (1998). Principal Stages in the Geologic History of Georgia in the Paleogene//Stratigraphy and Geological Correlation, vol. 6, № 3. Pp. 303-313.
33. *F.Maisadze* (1997). New Data on the Jhinvali-Gombori Subzone Structure and its Palinspastic Reconstruction//Bull. of the Georgian Academy of Sciences. 155, no 7. Pp.383-386.
34. *N.Salukvadze, M.Kacharava, F.Maisadze, T.Gavtadze* (1996). Geological and biotic events of the late Eocene-early Oligocene on the territory of the former Soviet Union //Publishing house "Geos", Moscow. Part 1. 313 p. (in Russian).
35. *F.Maisadze* (1996). Main Lithofacies Types of Paleogene Deposits of Georgia//Bull. of the Georgian Academy of Sciences. 154, no 2. Pp. 246-24.
36. *F.Maisadze* (1995). Paleogeography and Geological Development of Georgia in the Paleogene Time//Thesis of dissertation for the Doctor degree of geological-mineralogical sciences. 47 p.
37. *F.Maisadze* (1994). On the Upper Eocene Olistostromes of the Southern Slope of the Greater Caucasus//Stratigraphy and Geological Correlation. Vol. 2, N 1. Pp. 95-102 (in Russian).

38. I.Gamkrelidze, **F.Maisadze** (1991). The tectonics of the flysh zone of the Southern Slope of the Greater Caucasus//Proceedings of Geological Institute of the Georgian Academy of Sciences, new series, issue 102. Publish House "Metsniereba", Tbilisi. Pp. 132-138 (in Russian).
39. **F.Maisadze**, R.Akhvlediani (1990). On Paleogene Flysch Dolomites of the Southern Slope of the Greater Caucasus//Bulletin of the Academy of Sciences of the Georgian SSR, 138 № 3. Pp. 577-580 (in Russian).
40. **F.Maisadze** (1987). Paleogeography of Abkhazia in the Paleogene time. Proceedings of Al.Janelidze Geological Institute of Academy of Sciences of the Georgian SSR. 91p.
41. O.Sarkisian, A.Sadoian, R.Djrbashian, **F.Maisadze**, N.Salukvadze, Kh.Aliulla (1987). The Facial-Paleogeographical Conditions of the Transcaucasus Late Eocene and Early Oligocene // Bulletin of the Academy of Sciences of the Armenian SSR, vol. 40, no 2. Pp.3-12 (in Russian).
42. **F.Maisadze** (1987). On the Age of Volcanic Sediments Present in the Upper Eocene Olistostromes of the Southern Slope of the Caucasus (interfluvies of the Rioni and Didi Liakhvi rivers) // Bulletin of the Academy of Sciences of the Georgian SSR, 126 № 3. Pp. 573-575 (in Russian)
43. I.Gamkrelidze, **F.Maisadze** (1987). Structure of the Kvaisa Ore Zone//Bull. Acad. of Sci. of USSR, No 1. Pp. 86-105 (in Russian).
44. **F.Maisadze** (1986). New Data on the Paleogene Normal-Sedimentary Formations of the Kvaisa Area // Bulletin of the Academy of Sciences of the Georgian SSR, 121 № 1. Pp. 129-131 (in Russian).
45. I.Gamkrelidze, **F.Maisadze** (1985). Utsera tectonic knot //"Geosynclinal process and the formation of the Earth's crust", Moscow. 46-48 (Guide for Excursions in the Georgian SSR).
46. **F.Maisadze** (1985). Olistostrome and normal-sedimentary formations of the Paleogene //"Geosynclinal process and the formation of the Earth's crust", Moscow. 43-45 (Guide for Excursions in the Georgian SSR);
47. N.Salukvadze, V.Gugushvili, **F.Maisadze** (1985). New Data on the Eocene of Southern Georgia // Bulletin of the Academy of Sciences of the Georgian SSR, 120 № 3. Pp. 569-572 (in Russian).
48. **F.Maisadze** (1984). On the Neopyrenean Folding in the Caucasus//Bull. of the Academy of Sciences of the USSR, Ser. Geol., no 7. Pp. 148-152 (in Russian).
49. A.L. Tsagareli, S.I. Kuloshvili, G.P. Lobjhanidze, **F.D. Maisadze** (1984). The Alpine stage of the development of the Southern slope of the Greater Caucasus // Transactions on the Geology of the Caucasus and Carpathians. Bratislava. Pp. 13-20 (in Russian).
50. **F.Maisadze** (1984). On the Character and Time of Occurrence of the New Pyrenean Folding on the Southern Slope of the Greater Caucasus // Bulletin of the Academy of Sciences of the Georgian SSR, 113 № 1. Pp. 85-88 (in Russian).
51. **F.Maisadze** (1981). On Abkhazian Paleogene Facies // Bulletin of the Academy of Sciences of the Georgian SSR, 102 № 3. Pp. 625-628 (in Russian).
52. **F.Maisadze** (1980). On the Paleogeography of the Middle Eocene of South-Eastern Georgia // Bulletin of the Academy of Sciences of the Georgian SSR, 98 № 1. 97-100 (in Russian).
53. **F.Maisadze** (1978). The Main Features of the Geological History of Western Abkhazia in the Paleogene //Bulletin of the Academy of Sciences of the Georgian SSR, 91 № 1. Pp. 81-84 (in Russian).
54. **F.Maisadze** (1976). Some Questions of the Paleogeography of the Paleogene in the North-Western Part of Abkhazia // Bulletin of the Academy of Sciences of the Georgian SSR, 83 № 2. Pp. 409-412 (in Russian).

55. **F. Maisadze** (1975). Some Questions of the Paleogeography of the Paleogene in the North-Western Part of Abkhazia // Bulletin of the Academy of Sciences of the Georgian SSR, 80 № 3. Pp. 641-644 (in Russian).
56. **F. Maisadze** (1974). On the Source of Material of the Paleogene Formations of the Middle Reaches of the Bzyb // Bulletin of the Academy of Sciences of the Georgian SSR, 74 № 1. Pp. 109-112 (in Russian).
57. **F. Maisadze** (1973). On the Paleogene Deposits of the Middle Section of the Bzyb River // Bulletin of the Academy of Sciences of the Georgian SSR, 72 № 2. Pp. 397-400 (in Russian).
58. **F. Maisadze** (1970). On the Facies of Eocene Formations in the Interfluvium of the Rioni and the Liakhvi // Bulletin of the Academy of Sciences of the Georgian SSR, 58 № 2. Pp. 373-376 (in Russian).
59. **F. Maisadze** (1970). Paleogeographic and tectonic conditions for the formation of the Eocene Formations of the Rioni and Liakhvi interfluvium // Thesis of PhD, 19 p.
60. **F. Maisadze** (1970). Paleogeographical and Tectonic conditions of the Formation of Eocene Deposits (the Rioni and Liakhvi interfluvium) // Bulletin of the Academy of Sciences of the Georgian SSR, 57 № 2. 365-368 (in Georgian).
61. **F. Maisadze** (1969). On the Manifestation of the Upper Eocene Volcanic Activity (interfluvium Rioni and Liakhvi) // Bulletin of the Academy of Sciences of the Georgian SSR, 55 № 3. Pp. 605-608 (in Georgian).

Participation in scientific forums

1. On the effect of orogenic phases on sedimentation processes. **F. Maisadze**. 13th Ural Lithological Conference. Yekaterinburg. 2020.
2. Regressive deposits and folding phases (on the example of the Mesozoic-Cenozoic history of the South Caucasus). **F. Maisadze**, L. Basheleishvili. IX International Lithological Conference of Russia. Kazan. (Russia). 267-268. 2019.
3. On the Orogenic Phases in the South Caucasus. **F. Maisadze**. 5th International Scientific-Practical Conference on Up-to-date Problems of Geology. Tbilisi, 81-84. 2019.
4. Position of Olistostromes and Wild Flysh in the Classification of Sedimentary. **F. Maisadze**. 4th Intern. Scientific-Practical Conference on Up-to-date Problems of Geology. Tbilisi, 70-73. 2018.
5. About the Rate of Sedimentation (on the Example of Western Abkhazia). **F. Maisadze**. VIII International Lithological Conference of Russia. Moscow. 2015.
6. I. Gamkrelidze, D. Shengelia, **F. Maisadze**, T. Tsutsunava, G. Chichinadze (2013). Main Stage of Geodynamic Evolution of the Caucasian Segment of the Alpine-Mediterranean Belt // Geophysical Research. Vol. 15. EGU 2013, pp. 2181.
7. Formation of Event Deposits of the southern slope of the Greater Caucasus. **F. Maisadze**. VII International Lithological Conference of Russia. Novosibirsk (Russia). 2013.
8. On the role of event deposits in the study of Paleo-catastrophic events. **F. Maisadze**, T. Tsutsunava. 3rd International Symposium on the Geology of the Black Sea Region. Bucharest (Romania). 2011.
9. Geological Catastrophes and Event deposits. **F. Maisadze**, T. Tsutsunava. International Congress "Natural Cataclysms and Global Problems of the Modern Civilization". Istanbul (Turkey). 2011.
10. The age, composition, geological position and genesis of olistostromes of the Southern slope of the Greater Caucasus (within Georgia). I. Gamkrelidze, **F. Maisadze**. International Scientific Conference dedicated to the 85-th anniversary of A. Janelidze Institute of Geology. Tbilisi (Georgia) 2010.
11. Event Deposits in Chaotically Formations. **F. Maisadze**. 33th International Geological Congress. Oslo (Norway). 2008.

12. Duration of orogenic phases on the example of Meso-zoic-Cenozoic Sediments in Georgia. **F.Maisadze**. International Symposium on the Geodynamics of Eastern Mediterranean. Istanbul (Turkey). 2005.
13. The relationship between the sedimentation and orogenic phases (on the example of Mesozoic-Cenozoic sediments in Georgia). **F.Maisadze**. 32th International Geological Congress. Florence (Italy). 2004.

Scientific grants

1. Detailed Geological-Structural Study of Transversal Section of the Greater Caucasus Fold System Along the Tergi and Aragvi Rivers. 1997-1998. Georgian Academy of Science. (Principal investigator)
2. Tectonic Structure and Geodynamic Evolution of the Territory of Georgia. 2000-2001. Georgian Academy of Science. (Principal investigator).
3. Geodynamic Evolution and System of Tectonic Structure Formation on the Territory of Georgia. 2002-2003. Project of Georgian Academy of Science. (Principal investigator).
4. Pre-Alpine and Alpine Geodynamics, Tectonic Structure and Seismotectonics of the Territory of Georgia 2004-2005. Georgian Academy of Science. (Principal investigator).
5. GNSF/ST 06/5-037. "Study of detailed geological-structural section of the Greater Caucasus and adjacent tectonic units along the Georgian Military Road". 2006-2009; (Project manager).
6. Project ISTC- A1418. "Open Network of Scientific Centers for Mitigation Risk of Natural Hazards in the Southern Caucasus and Central Asia". 2007-2011. (Project sub-manager).

Additional information

1970-1980 –The lecturer of geogr./geological section at the Palace of Pioneers and Schoolchildren;
1976 – Awarded the badge "Honored Worker of Public Education";
2001 – Awarded the Al. Janelidze Prize of the Georgian Academy of Science
2021 – Awarded the Al. Tvalchrelidze Prize of the Georgian Academy of Science.