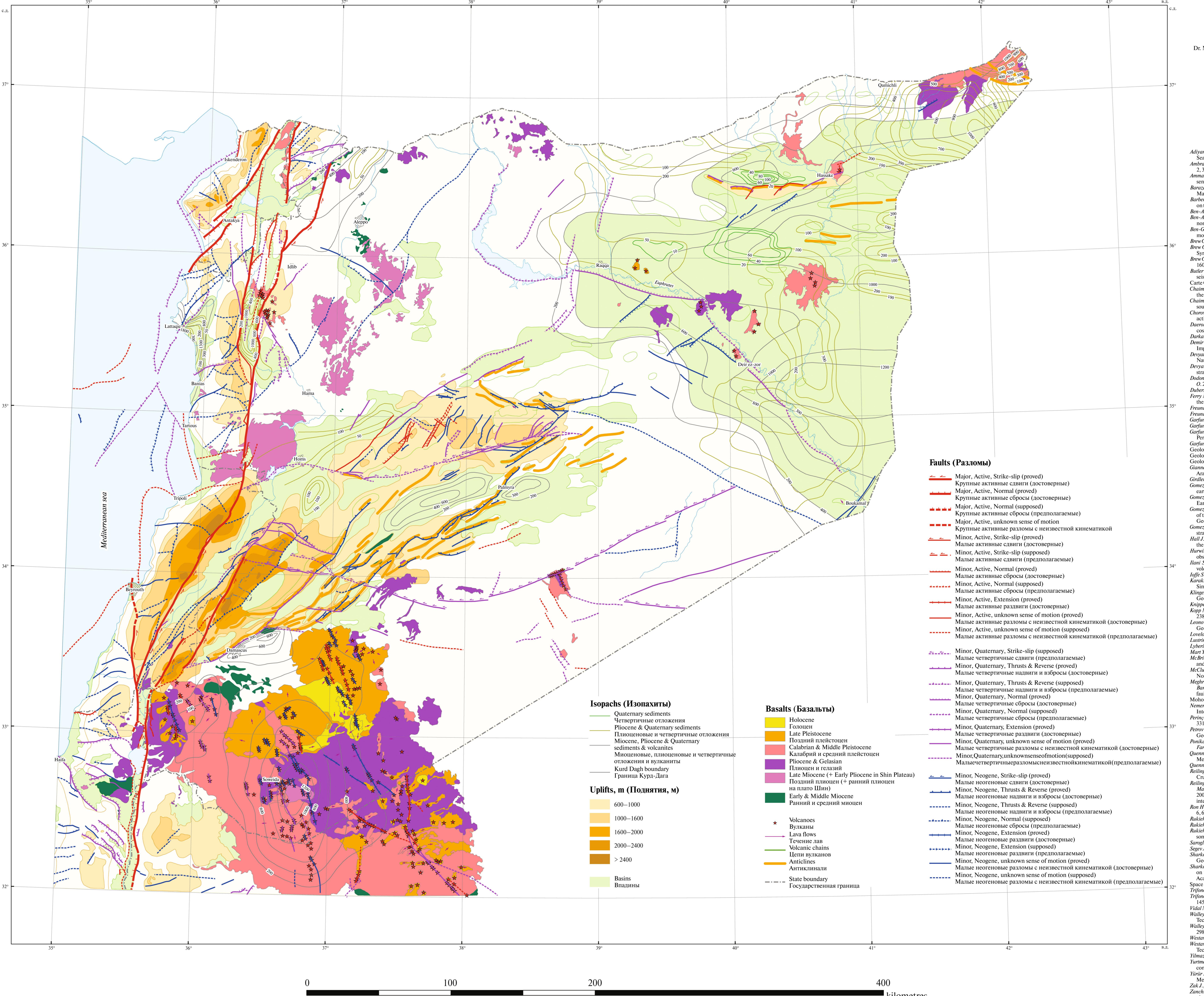


# NEOTECTONIC MAP OF SYRIA (НЕОТЕКТОНИЧЕСКАЯ КАРТА СИРИИ)



Главные редакторы:  
д-р Мохамад РУКИЕ и проф. В.Г. ТРИФОНОВ  
Ответственный исполнитель:  
проф. В.Г. ТРИФОНОВ  
Карту составили:  
экологический институт Российской академии наук,  
Москва, Россия:  
д-р Д.М. БАЧМАНОВ, д-р А.Е. ДОДОНОВ,  
проф. В.Г. ТРИФОНОВ  
Институт динамики геосфер РАН, Москва, Россия:  
Т.П. ИВАНОВА  
Федеральная организация дистанционного зондирования,  
Дамаск, Сирия:  
Д-р Мохамад РУКИЕ, д-р Осама АММАР,  
Абдул-Маджид АЛЬ-КАФРИ, д-р Хейсам МИНИНИ,  
Хмуд ЭБРАХИМ, Тарик ЗАЗА, Али ЮЗЕФ, Осама АЛИ  
Мохамад АЛИ  
Дамасский университет, Дамаск, Сирия:  
Д-р Марван АЛЬ-ШАРА  
Организация атомной энергии, Дамаск, Сирия:  
Д-р Юзеф ДЖОБАЙЛИ

Карта основана на данных геологической съёмки  
того масштаба, публикациях, материалов Генеральной  
организации дистанционного зондирования Сирии  
и Сирийской нефтяной компании,  
результатам интерпретации космических изображений  
и полевых исследований авторов.  
Основные использованные материалы:

ern corner of the Arabian plate: a consequence of the strike-slip Deccan

- O. 3/4, 327–345.

akes in the Eastern Mediterranean. Geophys. Jour. Intern. 133, N

valuation of the ground water resources by interpretation of rem

tion of the northern Arabian plate in western Syria. In: Boschi  
region. Kluwer Acad. Publ., Dordrecht, 117–140.

let J. 1979. Recent basaltic volcanism of Jordan and its implication  
gni 47, 667–683.

Basin, eastern Mediterranean. Tectonophysics 346, 23–43.

eismic insights into the tectonic and sedimentary processes in  
gy, Thessaloniki, 29–31.

solution of the Southeastern Levant margin based on stratigraph  
loniki, 32–34.

nic development of the Ghab basin and the Dead Sea fault syste

ountain belt, Syria: the Bishri crustal block. Jour. Geol. Soc. Lond

n Transform in Lebanon and its implications for plate tectonics a

istere des Travaux Publics.

the Palmyride fold belt, Syria, and implications for movements alo

Cenozoic deformation inferred from seismic stratigraphy in  
104, 704–715.

orns basalts (Syria) and implications for the Dead Sea Fault Z

ost ~25-ka slip rate of the Yammouneh fault (Lebanon) using in  
–119.

H. 6, 549–562.

Ar-Ar dating of Late Cenozoic basaltic volcanism in northern Sy  
rabian Platform. Tectonics 26, TC 012, doi:10.1029/2006TC0019

arkov E.V. 2000. Outline of Geology of Syria / Yu.G. Le-onov (E

ein H. 1997. The El-Ghab Rift Depression of Syria: Its structu  
4, 362–374.

M., Sadchikova T.A., Simakova A.N., Minini H., Al-Kafri A.-M.,  
ochronology and neotectonics. Quaternary Intern. 190, 158–17

os. Trans. Royal Soc. London, A, 267, 9–20.

2007. A48-kyr-long slip rate history of the Jordan Valley segmen

the Dead Sea rift. Philos. Trans. Roy. Soc. London, A, 267, 107–1

Sea rift. Nature 220, No. 5164, 253–255.

te kinematics. Tectonophysics 80, 81–108.

// Tectonophysics 298, 5–35.

ler, W. Cavazza, A.H.F. Robertson and S. Crasquin-Soleau (Ed  
es du Muse'um national d'Histoire naturelle 186, 607–627.  
81–108, 1–26.

export, Moscow; Ministry of Industry of the S.A.R., Damascus.

ques et volcanisme associe: Exemple de la bordure NW da plac

wcheh R., Al-Ghazzi R., Barazangi M. 2003. Holocene faulting a  
nd Lebanon. Geophys. J. Intern. 153, No. 3, 658–674.

uplift along the northern Dead Sea transform in Lebanon and Sy

ipating of active transpression within the Lebanese restraining be  
Tectonics of Strike-Slip Restraining and Releasing Bends. Lond

t Ch., Khair K. 2007. Global Positioning System mea-surements  
ult system in Lebanon. Geophys. J. Intern. 168, 1021–1028.

: V.A. Krasheninnikov and J.K. Hall (Eds.) Geological Structure

ctonic framework of a complex pull-apart basin: seismic reflect

itz G. 2001. New K-Ar ages of basalts from the Harrat Ash Sha  
elling beneath the western Arabian plate. Geology 29, 171–174.

ophysics 141, 5–22.

onov A.E., Bachmanov D.M. 2008. Seismic deformation in the  
47.

n the Dead Sea transform fault in Northern Araba valley (Jorda

a. Geotectonics 22, No. 1, 73–82.

ake-slip movements along the Levant fault. Geotectonics 28, No

n and Mineral Resources of the S.A.R., General Establishment  
ogical Inst., Com. Intern. Tectonic Maps.

Mag. 121, No. 6, 577–587.

p with Arabian plate kinematics. J. Geodyn. 42, 115–139.

ult: an oblique collisional belt. Tectonophysics 204, No. 1/2, 1–1  
97, 155–179.

ismic reflection structure of intracraton Palmyride fold-thrust b  
8–259.

Africa (Nubia) and Arabia plate motions. Geophys. Jour. Intern. 1

Y., Layyous I., Al Najjar H., Darawcheh R., Hijazi R., Al-Ghazzi  
gy, archaeoseismology and historical seismicity along the Dead S

he Continents (INSTOC).

ins along the Yammouneh strike-slip fault (Lebanon). Geophys

Dead Sea fault zones in southeastern Turkey. Tectonophysics 1

7-XVII, XVIII. Explanatory Notes. Ministry of Industry, Dept

lov V.V., Soulidi-Kondratyev E.D., Mikhailov K.Ya., Kulakov V.  
ory Notes. Part I. Ministry of Industry, Damascus, 230 p.

s. Actas y Trabajos de las Reuniones Celebradas en Mexico en 19

n Mediterranean. Geol. Soc. London Spec. Publ. 17, 775–788.

I. 1997. Global Positioning System Measurements of Present-D  
Res. 102, 9983–9999.

H., Kadirov F., Guliev I., Stepanyan R., Nadariya M., Hahubia  
vren E., Dmitritsa A., Filikov S.V., Gomez F., Al-Ghazzi R., Karan  
ntinent collision zone and implications for the dynamics of pl

transform: Paleomagnetic data and kinematic impli-cations. Tecto

erpretation. Remote Sensing Magazine. Damascus, No. 9, 38–5

Sensing Magazine. Damascus, No. 13, 46–66.

sef A., Al-Shara M., Jobaili Y. 2005. Neotectonic Map of Syria a

bian plate. J. Geodyn. 40, 235–256.

icae. Special Issue. Supplement to vol. 6, 99–125.

orical Production-Hall, Jerusalem, 553–576.

o M.I., Leonov Yu.G., Novikov V.M., Hanna S., Khatib K. 19

T., Lebedev V.A., Novikov V.M., Hanna S., Khatib K. 1998. New d

0 000. Cartographic Center. Damascus. 1971.

Alpine-Himalayan collision belt. GEOS, Moscow, 225 p.

nt fault zone in the North-Western Syria. Geotectonics 25, No

e boundary in the eastern Mediterranean. Tectonics 19, 723–739.

the Dead Sea Fault and its implications for Levantine tecton

ce in the tectonic evolution of the Levantine region. Tectonophys

Jour. of Geophys. Res. 99, No. B6, 12071–12090.

the Neogene and Quaternary left-lateral faulting in SE Turk

Anatolia. J. Volcanol. Geotherm. Res. 85, 173–210.

moion on the Amanos Fault (Karasu Valley, Southern Turk

ysics 344, No. 3/4, 207–246.
junction of the African, Arabian and Anatolian plates in the east

ch Sci. 15, 33–37.

the Cenozoic evolution of the northwestern margin of the Arab