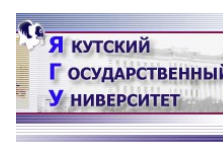
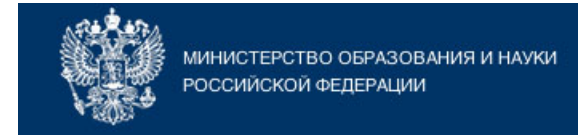


Kurile-Kamchatka and Aleutian Marginal Sea-Island Arc Systems: Geodynamic and Climate Interaction in Space and Time A Russian - German Research Project



KOMEX I+II

1998 - 2000

2001 - 2004

KALMAR I + II

2006 - 2011

2013 - 2017

Okhotsk Sea

Pacific Ocean

KOMEX - Kurile Okhotsk Sea Marine Experiment

KALMAR - Kurile-Kamchatka and Aleutian Marginal Sea-Island Arc Systems



Kurile-Kamchatka and Aleutian Marginal sea-island systems: Geodynamic and climate interaction in space and time

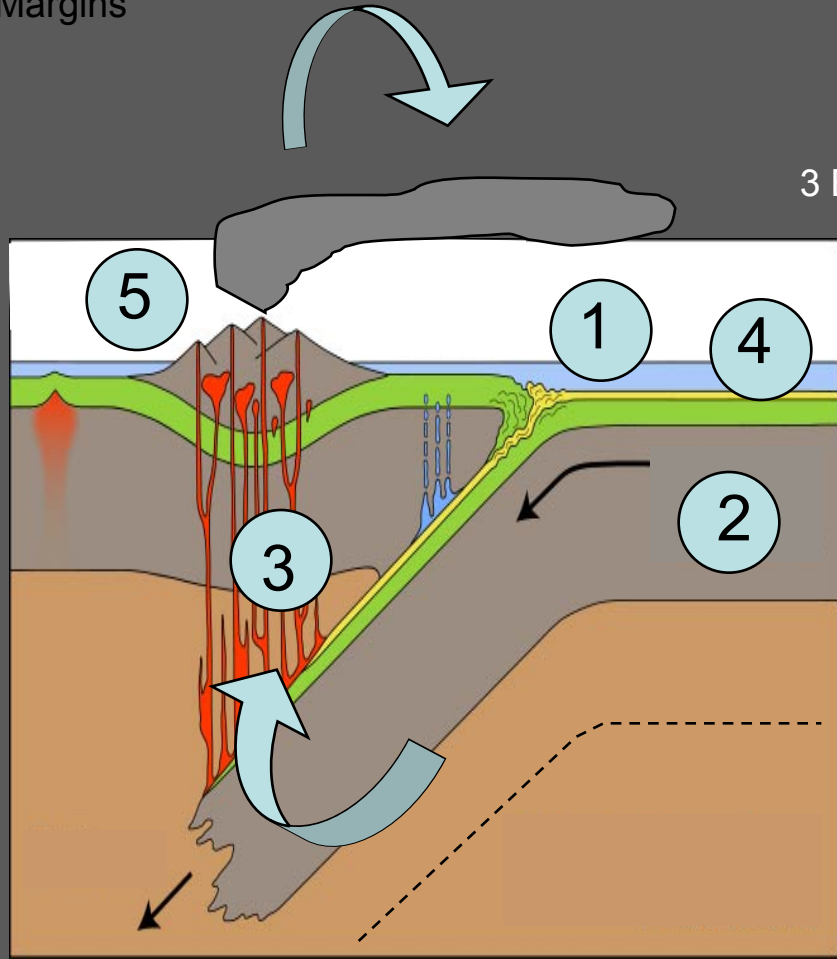


Geodynamic Development of the Kuril-Kamchatka-Aleutian System and the Activen Plate Margins

- 1 Neotectonic
- 2 Geodynamic
- 3 Volcanic-magmatic

Oceanographic and climatic development of the subarctic NW Pacific Ocean

- 4 Marine Climate
- 5 Land Climate



Геодинамическое развитие систем Курилы-Камчатка-Алеуты как активной границы плит

- 1 Неотектоник
- 2 Геодинамика
- 3 Вулканические-магматические процессы

Формирование климата И Океанографических процессов в субарктической Части Северо-Западно Пасифики

- 4 Морской климат
- 5 Наземный климат

SO201-KALMAR 2009

Zur Anzeige wird der QuickTime™
Dekompressor „
benötigt.



R/V Sonne

SO201 Leg 1a (Geodynamics)

16.05. - 10.06.2009

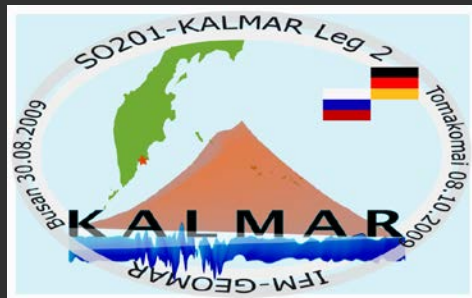
Yokohama - Yokohama/Japan

Zur Anzeige wird der QuickTime™
Dekompressor „
benötigt.

SO201 Leg 1b (Petrology)

10.06. - 06.07.2009

Yokohama/Japan - Tomakomai/Japan

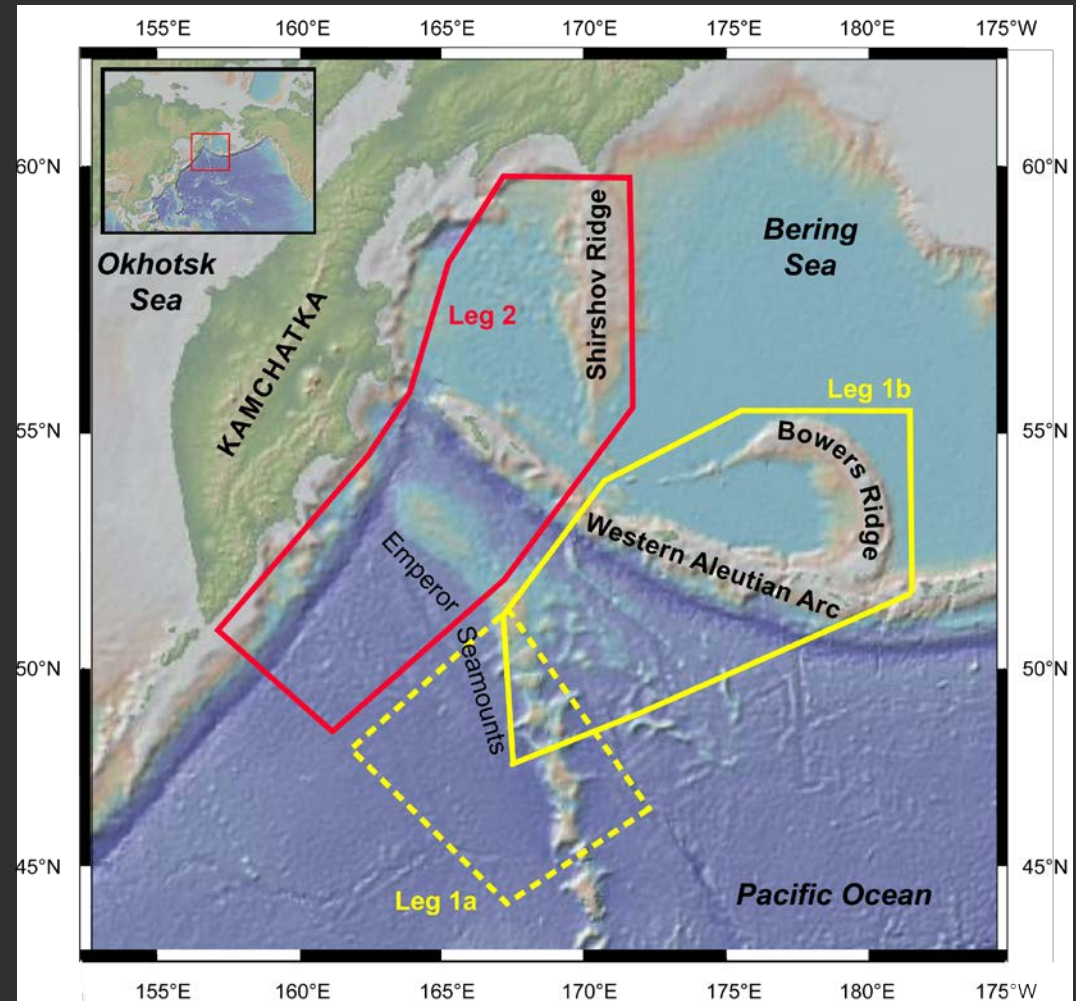


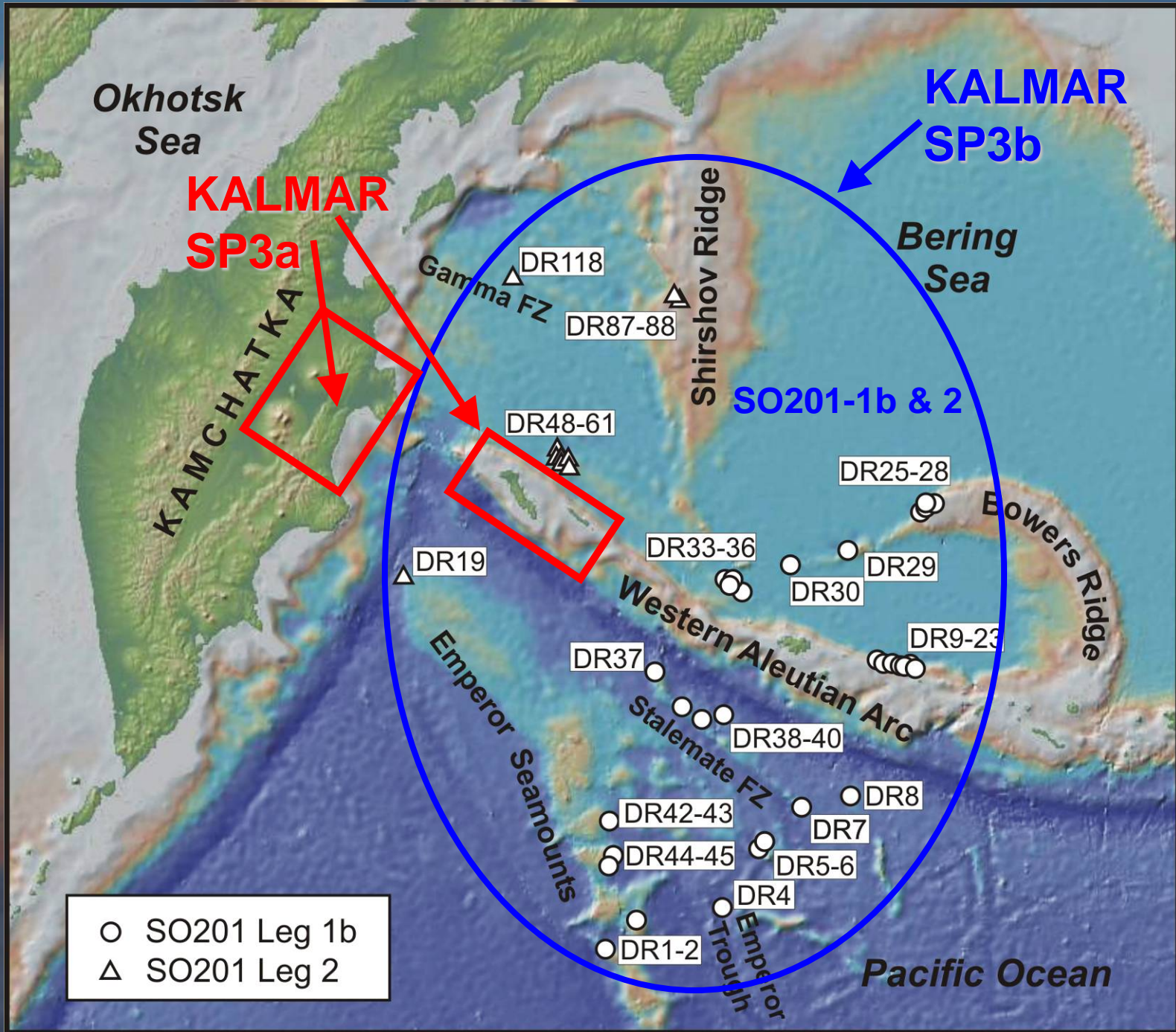
SO201 Leg 2

(Paleoceanology, Petrology, Geodynamics)

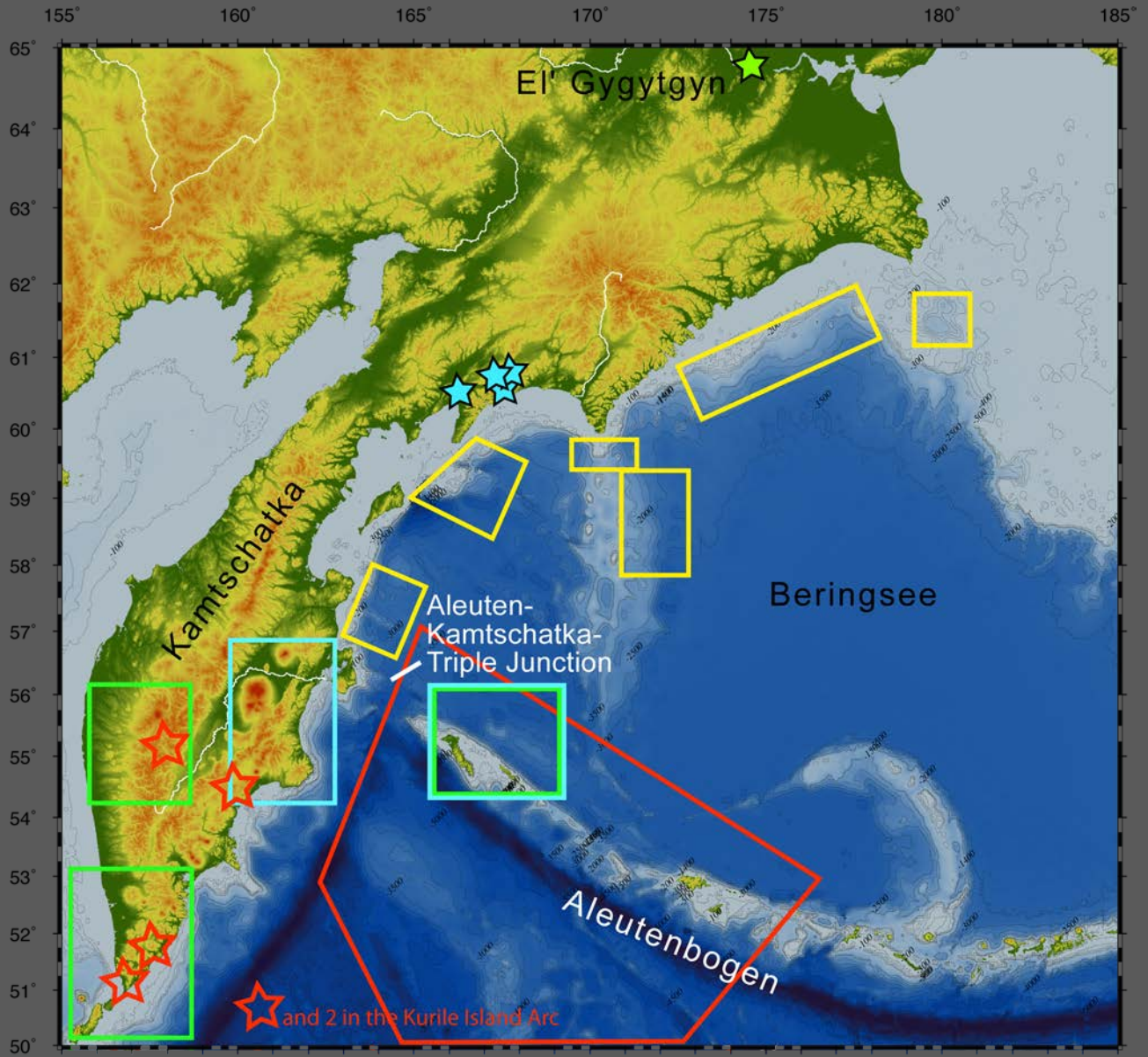
30.08. - 08.10.2009

Pusan/Korea - Tomakomai/Japan





KALMAR II



- TP1
- TP2
- TP3A
TP6
- TP3B
- TP4
- TP5

Subproject 3b: The origin and evolution of the oceanic crust in the NW Pacific and its recycling in the Aleutian Arc

German cooperation partners

Prof. Dr. K Hoernle, Dr. R. Werner, Dr. M. Portnyagin, Dr. F. Hauff
IFM-GEOMAR, Kiel

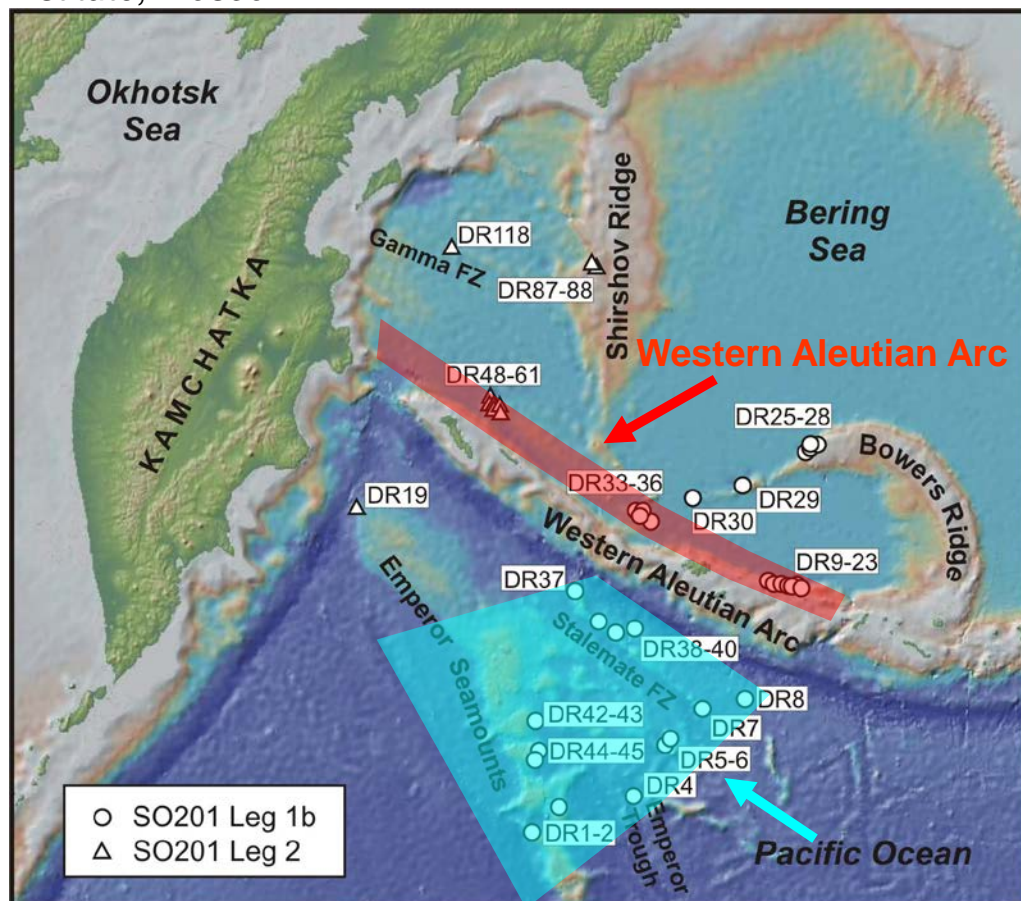
Russian cooperation partners

Prof. Dr. G. Avdeiko*, Dr. B. Baranov**, Dr. S. Silantyev ***
* Institute of Volcanology and Seismology, Petropavlovsk,
** Shirshov Institute, Moscow, *** Vernadsky Institute, Moscow



Goals SP3b

- characterize along arc variations of magmas and their origin in the Western Aleutian Arc – end-member arc system
- investigate magma origin at the oldest Emperor Seamounts and neighbouring seamount province
- and others....





<http://kalmar.ifm-geomar.de/>