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1. 年次総会案内

年次総会を春季講演シンポジウムと併せて下記の要領で開催しますので、ご案内申し上げます。

日時：6月27日(土) 13:00 - 13:30

場所：東京大学山上会館(3頁に示す案内図参照)

議題：(1) 1991年度事業報告及び決算報告

(2) 1992年度事業計画と予算

(3) 第3期役員選出

(4) その他

なお、年次総会は規約により過半数の出席が必要ですので、同封の出欠表(委任状)にご記入の上必ず6月1日(月)までにご返送下さい。

(第9回理事会を総会の前に開催します。)

時間：午前10時半 - 12時半

場所：東京大学原子力研究総合センター5階第2会議室)

2. 第5回春季講演シンポジウムの案内

テーマ 『化学物質のリスク管理の実際』

現在我々の身の回りには化学物質があふれています。そのために我々の生活が格段に便利で快適なものになったことは事実ですが、同時に好むと好まざるにかかわらずさまざまな化学物質にさらされています。

わが国の有害化学物質の安全管理は労働環境からはじまった歴史があります。本シンポジウムでは、これまでの考え方を知ると共に、さらには一般環境での化学物質の管理のあり方をリスクの面からどの様に捉えていったらよいか、問題点は何かをそれぞれの専門分野の方々とともに考えてみたいと思います。

日時：1992年6月27日(土) 13:30 - 17:00

場所：東京大学山上会館(東京大学構内)

講演会：

(1) 特別講演

『わが国の化学物質のリスク管理の歴史と思想』

座長 横山 栄二(国立公衆衛生院)

演者 興 重治(中央労働災害防止協会
労働衛生検査センター所長)

(2) パネルディスカッション

座長 大島 輝夫(日本化学物質安全情報センター)

1. 生活環境中の化学物質濃度と安全性

藤田 昌彦(国立公衆衛生院)

2. 生物学的モニタリングによるリスク管理

桜井 治彦(慶応大学)

3. 動物実験データにもとづく安全性評価

黒川 雄二(国立衛生試験所)

4. 環境汚染物質のリスクマネジメント

池田 三郎(筑波大学)

懇親会：山上会館1階食堂 17:10 - 18:10

会費3000円(予定、当日受付)

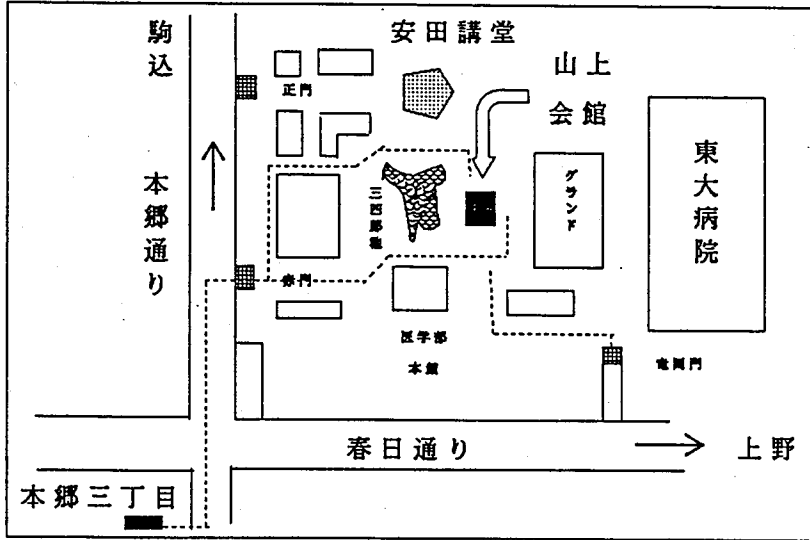
演者と会員相互の懇親の場ですので多数の御出席をお願いいたします。

連絡先：茨城県つくば市天王台 1-1-1 筑波大学社会工学系池田研究室内

日本リスク研究学会事務局

電話：0298-53-5380 Fax: 0298-55-3849

総会・春季講演シンポジウムの会場案内の略図



東京大学山上会館案内図

地下鉄丸の内線 本郷三丁目駅から徒歩約10分

3. 第5回研究発表会のお知らせ

日本リスク研究学会の第5回研究発表会を1992年11月27日(金)、28日(土)の2日間の予定をくみ、今回はじめて京都で開催することになりました。このため、関西在住の会員の方々をはじめとして多くの会員の参加を期待しております。会員の内外を問わず、リスク研究に関するアイデアや視点、実施例についての意見交換や技法開発の試みのご発表を歓迎いたします。

(1) 日時：1992年11月27日(金) 10:00 - 17:00

11月28日(土) 10:00 - 14:30

(2) 場所：京大会館101号室(京都市左京区吉田河原町15-9)

Tel. 075-751-8311

(3) 研究発表は1人20分程度、討議10分程度を考えています。発表件数により変更があることをあらかじめお断わりいたします。

(4) 特別講演(予定)：

"Urban Risks in Mexico"

D. Warner North (Stanford Center for Risk Analysis)

(アメリカの親学会 Society for Risk Analysis の現会長)

(5) 総合テーマ：『都市のリスク』

都市というのは、リスク研究の分野として魅力的な場所がある。そこには、数々の利便性と危険性が、複合的に集積されているからである。市民生活と防犯、ライフラインの安全確保、都市防災、都市公害などをキーワードとし、このような都市のもつリスクを多面的に評価するとともに、その制御法を考えてみることにしたい。

- (6) 研究発表は以下の2つの企画セッション（レビュー講演と一般発表）と2つの一般セッションとします。研究発表のテーマとしては、リスク研究に関するものであれば、特に分野を問いませんが、各セッションに関するケーススタディなどはとりわけ歓迎いたします。

企画セッション1：『リスク回避とライフスタイル』

キーワード： リスク状況下の自己決定と支援システム、健康リスク、商品リスク、消費リスク、日常生活と物質利用との関わり、日常生活における利便性と安全性認知など

企画セッション2：科学的認識論から見たリスク

キーワード： 不確定リスク、複合リスク、選択リスクと非選択リスク、リスク指標のリスク評価など

一般セッション1：『リスク評価とリスク管理』

一般セッション2：『リスク認知、コミュニケーション』

- (7) 発表申込み締切：7月末日

- (8) 発表を希望される方は、氏名（連名者を含む）、所属、連絡先、電話番号、希望の発表のセッション名（上記の企画1、2に加えて一般1、2いずれか）に研究の概要（400字程度）を最終頁に添付の申込み用紙に記入の上、下記までお送り下さい。

〒606 京都市左京区吉田二本松町 京都大学教養部心理学教室

第5回日本リスク研究学会研究発表会実行委員会

事務局 杉万 俊夫

Tel. 075-753-6564

なお、研究発表のプログラム上の制約から、発表論文の採択については実行委員会に御一任くださる様お願い申し上げます。

- (9) 発表原稿締切：10月末日必着

- (10) 講演要旨集：発表原稿は講演要旨集として発行しますので、必ずワープロにて原稿を作成していただきます様お願いいたします。原稿は1行48字で42行、1頁あたり2016字にて4-6頁でA4用紙に仕上げただけであれば、そのままオフセット印刷を効率よく進めることができますので、御協力のほどをお願い申し上げます。活字10.5ポイント（5号級）、文字ピッチ3/20インチ（3.6mm）、行間ピッチ1/4インチ（6.0mm）を基本にいたしますが、原稿を約80%に縮小することを留意して図表などを作成して下さるようお願いいたします。

- (11) 参加費：4,000円（予定）（講演要旨集、会場費を含む）

4. 年会費（1990年度）納入のお願い

1992年度より年会費は下記のようなっています。会費収入の大部分は学会誌の発行に充当しますので何かと出費の重なる時期ではありますが、早期納入をお願い致します。

正会員： 4,000円

準会員： 2,500円

賛助会員： 30,000円

（ご送金には同封の郵便振替用紙をご利用下さい）

5. 事務局だより

5.1 日本リスク研究学会誌第4巻への原稿募集

昨年（1991）の第4回研究発表会ならびに春期講演シンポジウムでの発表を中心に編集の準備を行っています。特に会員各位から現在の研究、調査、開発、リスク関連業務と関心事など1-2頁の研究短書を是非ご投稿下さい。研究短書の締切は6月30日とします（学会誌の投稿規定をご参照下さい）。

5.2 受領書籍及び資料

- (1) 「リスク、ディンジャー、ペリル、ハザード」、インシュアランス No. 3481-3494、著者 江下直次郎（Assurance Generales de France、会員）（株）保険研究所 寄贈
- (2) 「みんなの地球—環境問題がよくわかる本—」著者 浦野紘平（横浜国立大学、会員）オーム社、1992
- (3) 「リスクと情報：新しい経済学」著者 酒井泰弘（筑波大学、会員）頸草書房
- (4) 「Volcano Management in the U.S.A. and Japan」著者 R.W. Perry and H. Hirose（広瀬弘忠、東京女子大、会員）、JAI Press, Greenwich, U.S.A., 1991
- (5) 「くすりの文明誌」水巻中正 著、かんき出版、日本 RADAR 協議会（賛助会員）寄贈
- (6) 「生活実感メッセージ」1、2巻、（財）経済広報センター（賛助会員）
- (7) 「Proceedings of the Workshop on Risk Assess. & Risk Management of Toxic Chemicals」editors T.Miura and C. Tohyama（国立環境研究所、会員）
- (8) 第7回環境工学連合講演会講演論文集（学術会議、1992）

SRA 1992 Annual Meeting Set for December in San Diego

The historic Hotel del Coronado, set on the crystal beach of San Diego, will be the site of the 1992 SRA Annual Meeting on December 6-9, 1992. Meeting plans are being developed by the Technical Program Committee, chaired by Doug Orvis of Accident Prevention Group of San Diego. The general Call for Papers will be announced in April, along with final plans.

Current plans are to hold five to six concurrent platform sessions. Four sessions will be reserved for topics of interest to SRA Specialty Groups. Plans for these sessions are included in the reports from the specialty groups (see pages 14 and 15), and the coordinators are the following:

Engineering and Applications/Space, Hatice Cullingford (713-283-8229)

Ecological Risk/Global Risk, Larry Barnthouse (615-574-7393)/Justin Lancaster (617-496-1457)

Exposure Assessment, Paul Price (207-774-0012)

Risk Communication, Linda-Jo Schierow (202-707-7279).

The other sessions will be dedicated to papers of more general interest, including health risk assessment and social/policy issues.

In addition to the platform sessions, two extensive poster sessions are planned that will run concurrently with the platform sessions and will also be accessible during breaks and exhibitor sessions. Plenary session and luncheon speakers will address issues relating to a general theme for the meeting (to be defined).

Persons who are interested in helping to organize sessions or who have ideas for session topics are invited to contact James Wilson, president-elect and General Chairman (314-694-8879), Douglas Orvis, program chairman (619-592-0189), or one of the organizers listed above.

Notice: On March 12-13, President Wamer North will be meeting in the Washington, DC area with past SRA presidents and Council members in a strategic planning session for the Society.

1991-92 Roster of SRA Officers and Councilors

The names and addresses of the SRA officers and councilors for 1991-92 are as follows:

President: D. Warner North, Decision Focus Incorporated, 4984 El Camino Real, Los Altos, California 94022 (Phone 415-960-3923; Fax 415-960-3656).

President-elect: James D. Wilson, Monsanto Company, 800 N. Lindbergh Boulevard, St. Louis, Missouri 63167 (Phone 314-694-8879; Fax 314-694-6858).

Secretary, 1993: Vlasta Molak, Biotechnology Forum, Inc., 8987 Cotillion Drive, Cincinnati, Ohio 45231 (Phone or Fax 513-521-0506).

Treasurer, 1993: Raymond F. Boykin, California State University, Chico, College of Business, Chico, California 95929-0011 (Phone 916-898-5895 or 916-898-6463 [secretary]; Fax 916-898-4584).

Past President: Curtis C. Travis, Center for Risk Management, Health and Safety Research Division, Oak Ridge National Laboratory, M/S 6109, 4500S, P.O. Box 2008, Oak Ridge, Tennessee 37831-6109 (Phone 615-576-2107; FTS 626-2107; Fax 615-574-9887).

Executive Secretary: Richard J. Burk, Jr., 8000 Westpark Drive, Suite 130, McLean, Virginia 22102 (Phone 703-790-1745; Fax 703-790-9063).

Councilor, 1994: Donald G. Barnes, Science Advisory Board (A-101), U.S. Environmental Protection Agency, Washington, D.C. 20406 (Phone 202-260-4126; Fax 202-260-9232).

Councilor, 1992: R.A. (Tony) Cox, Four Elements Limited, Greencoat House, Francis Street, London SW1P 1DH, England (Phone 44-071-973-8041; Fax 44-071-973-8042).

Councilor, 1993: Ann Fisher, Pennsylvania State University, Department of Agricultural Economics and Rural Sociology, 201 Weaver Building, University Park, Pennsylvania 16802 (Phone 814-865-0469; Fax 814-865-3746).

Councilor, 1994: John D. Graham, Harvard School of Public Health, Center for Risk Analysis, 677 Huntington Avenue, Boston, Massachusetts 02115 (Phone 617-432-0804; Fax 617-432-4494).

Councilor, 1992: Peter Barton Hutt, Covington & Burling, 1201 Pennsylvania Avenue, N.W., Washington, D.C.

20004 (Phone 202-662-5522; Fax 202-662-6291).

Councilor, 1993: Saburo Ikeda, Institute of Socio-Economic Planning, The University of Tsukuba, 1-1-1 Tennoudai, Tsukuba, Ibaraki 305 Japan (Phone 81-0298-53-5380; Fax 81-0298-55-3849).

Councilor, 1992: Roger E. Kasperson, Clark University, Center for Technology, Environment, and Development, 950 Main Street, Worcester, Massachusetts 01610 (Phone 508-751-4605; Fax 508-751-4600).

Councilor, 1993: David B. McCallum, Columbia University, Center for Risk Communication, 1000 Potomac Avenue, N.W., Washington, D.C. 20007 (Phone 202-338-2156; Fax 202-333-6316).

Councilor, 1994: Rae Zimmerman, New York University, Robert F. Wagner Graduate School of Public Service, 4 Washington Square North, New York, New York 10003 (Phone 212-998-7432; Fax 212-995-3890).

Note: SRA committee appointments will be announced in the April issue of RISK newsletter.

Reports from SRA Specialty Groups

(Editor's Note: At the 1991 SRA Annual Meeting, the Council renamed the Society's Special Interest Groups as Specialty Groups.)

Following eight well-attended sessions on ecological risk assessments at the 1991 SRA Annual Meeting, a group of over 40 attendees met to form an SRA specialty group on Ecological Risk Assessment. The objectives of the new group are to promote: communication between scientists performing ecological risk assessments; communication between ecological risk assessors and other risk assessment professionals; advances in the scientific foundation of ecological risk assessment; and scientifically sound integration of ecological considerations into environmental risk management.

The group, chaired by Larry Barnhouse of Oak Ridge National Laboratory, will be active in organizing sessions for the 1992 Annual Meeting in San Diego. The group also intends to develop an informal network of members interested in ecological risk assessment. Anyone wanting to be included should send name, address, phone/fax numbers, and electronic mail address to: Dr. L.W. Barnhouse, Environmental Sciences Division, Oak Ridge National Laboratory, P.O. Box 2008, Oak Ridge, Tennessee 37830-6036 (Phone 615-574-7393; Fax 615-576-8543).

Approximately 20 people attended a meeting of the Exposure Assessment Specialty Group (EASG) at the 1991 SRA Annual Meeting to discuss the activities of the group during the past year, activities for 1992, and the group's organization.

In February of 1991, Barbara Peterson, Technical Assessment Systems, Inc., and Paul Price, ChemRisk, sent out a mailing to key people in the field of exposure assessment, encouraging the submission of papers on exposure topics for the 1991 Annual Meeting. They then organized the 50 papers submitted for the meeting into 13 exposure assessment sessions. Peterson also organized and presented a dietary exposure workshop, which was among four workshops offered on the opening day of the 1991 Annual Meeting. During the year, Price and Tom McKone, Lawrence Livermore National Laboratory, were established as liaisons with the International Society for Exposure Analysis (ISEA).

EASG decided that its primary activity in 1991-92 will be to support exposure assessment as a topic at the 1992 Annual Meeting in San Diego by organizing sessions of invited papers on exposure topics and developing a workshop on indoor air/consumer product exposure issues. Suggested topics to be addressed at the annual meeting include the use of Monte Carlo models in exposure assessment; dermal

exposure; characterization of sources of exposure for ubiquitous compounds such as lead, chloroform, trichloroethylene, and benzene; U.S. EPA guidance on exposure assessment; exposure assessment activities under California State regulations; state clean-up levels for toxic materials; and exposure assessment at hazardous waste sites. The group also strongly endorsed the concept of involving ISEA in the planning of possible activities at the 1992 Annual Meeting.

A second and longer term project for EASG was suggested by Bert Hakkinen of the Proctor and Gamble Company; to develop a "reference house" document, which would be initiated at the proposed annual meeting workshop on indoor air/consumer exposure [see box on page 15].

It was decided that no additional organizational structure would be established for EASG in 1991-92. The group will continue to be chaired by Paul Price and directed by a steering committee of Price, McKone, Peterson, Cathy St. Hilaire of Hershey Company, and Alan Stern of Research and Development at Proctor and Gamble. Individuals who are interested in the activities of EASG should contact: Mr. Paul Price, ChemRisk, 1685 Congress Street, Portland, Maine 04102 (Phone 207-774-0012; Fax 207-774-8263).

(This communication is part of the Risk Communication Specialty Group's Draft Statement of Purpose.)

SRA Risk Communication Specialty Group Draft Statement of Purpose

The Risk Communication Specialty Group has been formed within the Society for Risk Analysis for the purpose of improving risk information communication within and among the general public, special interest groups, industry, government, and academia. The group will pursue this purpose through efforts to:

(1) Promote and facilitate increased contact between individuals trained in risk communication and those trained in technical risk analysis;

(2) Encourage and facilitate collaborative research efforts among risk communication scholars and between risk communication scholars and those skilled in technical risk analysis;

(3) Compile and maintain a directory of risk communication researchers and their areas of expertise for SRA members and others to use when seeking research partners or advice on improving the communication of risk analyses; and

(4) Organize panels on risk communication research and practice for national and regional meetings of the Society for Risk Analysis.

Note: Comments on this draft should be sent to: Dr. Richard C. Rich, Center for Environmental and Hazardous Materials Studies, 201A Architecture Annex, VPI&SU, Blacksburg, Virginia 24061-0113 (Phone 703-231-7508; Fax 703-231-3367).

Nearly 70 people from diverse fields attended the Risk Communication Specialty Group (RCSG) meeting on December 10 during the 1991 SRA Annual Meeting.

At the meeting, RCSG created specific goals, established committees, and identified volunteers. Ann Fisher will serve a second year (1991-92) as the group coordinator. Richard Rich of Virginia Polytechnic Institute and State University has drafted the group's charter [see left]. Rose Pfund of the University of Hawaii (Phone 808-956-7031) has compiled the first directory of RCSG members. [Copies of the directory are available from the SRA Secretariat (Phone 703-790-1745).] Lynn Luderer of the U.S. Environmental Protection Agency Risk Communication Program (Phone 202-260-6995) is leading the establishment of a long-term research agenda. Judy Yager of the Center for Environmental Information (Phone 716-271-3550) is identifying possible collaborations. Bill Mitchell of Alliance Technologies Corporation (Phone 919-493-2471) is in charge

of liaison with SRA and other groups. Ortwin Renn of the Clark University Environment, Technology, and Society Program (Phone 508-751-4310) is working on evaluation approaches. Linda-Jo Schierow of Congressional Research Service, The Library of Congress (Phone 202-707-7279), is organizing the risk communication sessions for the 1992 SRA Annual Meeting. George Carlo of the Health and Environmental Sciences Group Ltd. (Phone 202-289-6800) is heading up communication.

RCSG will promote information exchange through written forums and annual meetings. The forums will serve as a network for sharing how risk communication is integrated into the areas of risk assessment and risk management and will afford risk communicators the opportunity to study case histories and discuss theory and trends applicable to the field.

For further information, please contact Dr. Ann Fisher, Department of Agricultural Economics and Rural Sociology, The Pennsylvania State University, 201 Weaver Building, University Park, Pennsylvania 16802 (Phone 814-865-0469; Fax 814-865-3746).

Global Risk Analysis Group
Specialty Group

Justin Lancaster, Research Fellow in the Interdisciplinary Programs in Health at the Harvard University School of Public Health, is the new chairman of the Global Risk Analysis Specialty Group. He succeeds Rob Coppock, National Academy of Sciences, who chaired the group during 1989-91 and organized several global risk sessions at the 1990 and 1991 Annual Meetings. Lancaster has spent a decade working in global environmental change from the multiple aspects of science, policy, and law.

The Global Risk Analysis Specialty Group will organize sessions for the 1992 SRA Annual Meeting Program that focus on integrated assessment, combining societal and environmental factors such as demographics, energy, water resources, storm impacts, disease vectors, and land use.

For further information on the group's plans, contact Dr. Justin Lancaster, Harvard University School of Public Health, Pierce Hall 117, Cambridge, Massachusetts 02138 (Phone 617-496-1457).

Space Specialty Group
Plans for 1992

Following a successful session on space issues at the 1991 SRA Annual

Development of Reference House for Residential Exposures

A major project under consideration in the Exposure Assessment Specialty Group is to produce a state-of-the-art reference book on consumer and indoor exposure information to facilitate human exposure assessments of (1) the occupants of a residence (i.e., a house or apartment), and (2) humans working (e.g., gardening) and playing near a residence. The document, tentatively titled *Reference House*, would serve as a one-volume source of a wide range of exposure-related information on U.S. homes in the same way that *Reference Man** serves as a source for human physiological data. The information for the book would be drawn from publications of the U.S. Census, Housing and Urban Development, and U.S. Environmental Protection Agency and other published technical sources, a goal being to note the existence of (and build on) useful compilations of data, including U.S. EPA's Exposure Factors Handbook and Risk Assistant Software. A suggested outline of topics follows:

Section 1. Introduction and Mission Statement.

Section 2. Residence Parameters. This section will cover types of residences (overview); residence and room volumes; air changeovers per hour; other factors (impact of opening windows and doors, use of ventilation fans and air purifiers, etc.); and methods of gathering and verifying additional data.

Section 3. Human Parameters. This section will cover types of occupants (overview); body weights; body surface areas; breathing data (volumes of air inhaled per minute under different conditions); food consumption; water and other beverage consumption; other uses of water; activity patterns (i.e., time spent in or around residence doing various tasks or sleeping); other habits and practices data; residence times (i.e., years

spent in a particular residence); and methods of gathering and verifying additional data.

Section 4. Examples of Exposure Assessments. This section will give various examples involving skin, oral, and inhalation exposure in and around a residence (including multiple routes when appropriate) and examples of uncertainty analyses and Monte Carlo simulations.

Section 5. Research Needs. This section will discuss the data gaps and weaknesses; that is, how can uncertainties be reduced?

A proposed schedule for the development of the book begins in 1992 at an SRA Annual Meeting Workshop on Indoor Air/Consumer Product and Exposure. A consensus on the organization and contents of the book would be obtained, the assembling of information would begin, and volunteers to work on various sections would be recruited. In 1993, work on sections of the document would continue and the first peer review of the sections would be held. In 1994, there would be a thorough peer review of the document, and it would be revised and published in 1995. The work during 1993-95 might be condensed into two years, depending on the efforts of the volunteers. Yearly progress reports would be made at SRA annual meetings and in *RISK newsletter*.

Anyone interested in working on this project should contact Dr. Bert Hakkinen, Proctor and Gamble Company (Phone 513-627-1521; Fax 513-627-2292).

**Report of the Task Group on Reference Man: A Report Prepared by Task Group of Committee 2 of the International Commission on Radiological Protection*, W. S. Snyder, Chairman, London/New York, Pergamon Press, 1975, 480 pages, ICRP Publication 023.

Meeting, the Space Specialty Group will sponsor two space-oriented sessions for the 1992 Meeting.

With several high-level government reviews completed last year, the year 1992 is expected to be a transition year for future space activities. Among other projects, several new robotics projects are expected to be specified in support of a development

program for human missions to the moon and Mars.

Anyone interested in risk-based approaches to space activities and/or contributing to the planning of annual meeting sessions should contact Dr. Hatice Cullingford, Exploration Programs Office, NASA Johnson Space Center, Mail Code XE, Houston, Texas 77058 (Phone 713-283-8229; Fax 713-283-5818).

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論文のコピーは必要な方は実費(コピー、郵送料)で申し受けます。また、S R A (親学会) 会員申し込み書が必要な方は事務局までお申し出下さい。

Risk Analysis

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6. 新会員紹介(4月21日現在)

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