Guide to Liability Insurance coupled with PAS

Students covered under the Personal Accident Insurance for Students Pursuing Education and Research (PAS) may wish to join the Liability Insurance coupled with PAS.

For further information on the terminology used, please read the "Handbook for Enrollment of Liability Insurance coupled with PAS" available on the website of Japan Educational Exchanges and Services (http://www.jees.or.jp/gakkensai/opt-baisho.htm).

1. Outline of this insurance

Students (the insured) will be covered up to the limit of payment against damages for which, during the period of this insurance, they may be held legally liable to pay in Japan or abroad for injuring a third party or damaging any property belonging to a third party, etc. during their curricular activities, school events, extracurricular activities (Note 1), or commuting to and from them.

(Note 1) “Extracurricular activities” refer to the internship or volunteer activities carried out for internship or volunteer purposes by student groups in the university approved by the university/college in accordance with the formalities prescribed by the university/college. Therefore, any accidents during other club activities outside of this scope will not be covered. However, coverage shall be provided for acts that occur while the insured is in transit between the residence and a facility that is the location for an activity, by reasonable route(s) and methods, when participating in club activities (excluding activities, etc. prohibited by the university/college) aligned to regular curriculum or school activities on the same day.

2. Example of accidents covered

(Limited only when the insured is liable to pay for injuries or damages)

- An erroneous mix of chemical substances in a chemical experiment in a regular curriculum led to an explosion and caused burns on classmates. (Covered in Courses A and C)
- Set up a food stand selling grilled chicken at a campus festival and hospitalized five persons due to food poisoning. (Covered in Courses A and C)
- During internship activities in regular curricular courses a student broke a machine by mistake at the place where he or she was sent. (Covered in Courses A, B and C)
- While commuting by bicycle to attend a lecture, a pedestrian’s bag gets caught on a student’s bicycle handle. The pedestrian falls and the student is responsible for causing the injury. (Covered in Courses A and C)

(Note 2) This Liability Insurance does not cover any damage of data, software, or programs on a computer.

3. Students covered under this insurance

Students eligible for this insurance are restricted to those currently enrolled in graduate schools, universities and junior colleges that are supporting members of Japan Educational Exchanges and Services and who are insured by the PAS. (*PAS is the Japanese abbreviation of the Personal Accident Insurance for Students Pursuing Education and Research.)

4. Period of insurance

Students admitted in April: From 0:00 a.m., April 1 to 12 p.m., March 31 of the following year. (For one-year enrollments)

* When payment of the premium is not made by March 31, the period of insurance will be from 0:00 a.m. of the day subsequent to the date on which the payment is due.
* For multi-year insurance contracts, the insurance period is effective until 12 p.m. on March 31 of the academic year in which the insurance ends.

Students admitted in September: From 0:00 a.m., September 1 to 12 p.m., August 31 of the following year. (For one-year enrollments)

* When payment of the premium is not made by August 31, the period of insurance will be from 0:00 a.m. of the day subsequent to the date on which the payment is due.
* For multi-year insurance contracts, the insurance period is effective until 12 p.m. on August 31 of the academic year in which the insurance ends.

Students admitted in October: From 0:00 a.m., October 1 to 12 p.m., September 30 of the following year. (For one-year enrollments)

* When payment of the premium is not made by September 30, the period of insurance will be from 0:00 a.m. of the day subsequent to the date on which the payment is due.
* For multi-year insurance contracts, the insurance period is effective until 12 p.m. on September 30 of the academic year in which the insurance ends.

(Note) The above applies to optional enrollment (decided by the student). For joint enrollment of all students (decided by the university), please refer to page 4

5. Enrollment details

Follow instructions as given by your university, as enrollment procedures and the courses available differ at each university.
6. Scope of activities, compensation amounts (limits of coverage) and premiums covered

<table>
<thead>
<tr>
<th>Activities</th>
<th>Course A</th>
<th>Course B</th>
<th>Course C</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Liability Insurance for Students Pursuing Education and Research (LSK)</td>
<td>Liability Insurance for Internships, Professional Qualification Activities, etc. (INTERN-L)</td>
<td>Liability Insurance for Medical Students Pursuing Study and Research (LMS)</td>
</tr>
<tr>
<td></td>
<td>During regular curricular activities, school events, extracurricular activities (Note 1 on page 1) and commuting to and from them. (Excludes medical-related practice. Includes pharmaceutical educational practical training.)</td>
<td>During internships, nursing care experience, educational practice, nursery practice, volunteer activities and commuting to and from them; provided, however, that such activities are restricted to those approved by the university or college as regular curricular activities, school events or extracurricular activities (Note 1 on page 1)</td>
<td>During regular curricular activities, school events, extracurricular activities (Note 1 on page 1) and commuting to and from them in medical-related departments and studies. (Includes the scope covered in Courses A &amp; B)</td>
</tr>
<tr>
<td>Compensation</td>
<td>100 million yen per accident combining both bodily injury and property damage. (No deductible *2)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Limit of coverage (*1)</td>
<td>100 million yen per accident combining both bodily injury and property damage. (No deductible *2)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Premium per insured person (per year)</td>
<td>1 year 340 yen</td>
<td>210 yen</td>
<td>500 yen</td>
</tr>
<tr>
<td></td>
<td>2 years 680 yen</td>
<td>420 yen</td>
<td>1,000 yen</td>
</tr>
<tr>
<td></td>
<td>3 years 1,020 yen</td>
<td>630 yen</td>
<td>1,500 yen</td>
</tr>
<tr>
<td></td>
<td>4 years 1,360 yen</td>
<td>840 yen</td>
<td>2,000 yen</td>
</tr>
<tr>
<td></td>
<td>5 years 1,700 yen</td>
<td>1,050 yen</td>
<td>2,500 yen</td>
</tr>
<tr>
<td></td>
<td>6 years 2,040 yen</td>
<td>1,260 yen</td>
<td>3,000 yen</td>
</tr>
</tbody>
</table>

*1 Limit of coverage for one insured person per year.
*2 A deductible is the amount deducted from damages within calculated insurance payments. Deductible means the amount to be borne by the insured.

Main cases covered under this insurance

1. When the insured is legally liable for damage caused by a disability to third parties (including death resulting from the disability; the same applying hereinafter) or for the damage to any property belonging to third parties (including loss, breakage, or stains) during the insurance period for the following reasons:
   A. Accidents caused during activities within the Scope of activities (hereinafter as “activities”) as listed in the table above (Premises Liability Insurance).
   B. An accident caused by food or drink (including pharmaceuticals, hereditary “products” supplied in connection with school curricula, school events, or extracurricular activities (Note 1 on page 1)) which were not in possession of the insured party, or an accident caused by these activities and arising after completion of these activities. (Product Liability Insurance)
   C. When the insured has been held legally liable for damages during the insurance period by a person who is legally entitled to an entrusted article that the insured has subjected to destruction, damage, cleansing, loss, theft, or fraud in relation to the property of another person ("entrusted property") used or controlled by the insured during activities (Bailee’s Liability Insurance)

<Types of claims payable>

- Prior approval by the underwriting is required for the recognition of liability and the determination of compensation amount.
- Compensation for damages the insured is liable for;
- Legal expenses incurred, such as hiring a lawyer, with the written consent of the Company, to preserve or exercise the right to receive compensation for damages from a third party, or in order to prevent the occurrence or extension of further damages from a prior accident;
- Expenses for the need of emergency measures such as first-aid treatment and/or escort, or other expenses incurred, with the written consent of the Company, in cases that have been deemed as creating no liability after taking the necessary steps to preserve or exercise the right to receive compensation for damages from a third party, or in order to prevent the occurrence or extension of further damages from a prior accident;
- Expenses incurred in cooperation with requests from the underwriting insurance company in cases where the Company settles outstanding compensation for damages in lieu of the insured.

<Method of claim payments>

The Company shall compensate for losses or damages borne in (1) above and pay claims up to the limit of coverage. In principle, the amount of expenses in (2) - (5) above is covered in whole by this insurance. However, if the amount of damages in (1) exceeds the limit of coverage, this insurance will cover a partial amount for legal expenses in (2) calculated by reducing the "limit of coverage - compensation for damages in (1)/from expenses."

Main cases with no compensation

<Types of activities, compensation amounts (limits of coverage) and premiums covered>

1. When the insured is legally liable for damage caused by a disability to third parties (including death resulting from the disability; the same applying hereinafter) or for the damage to any property belonging to third parties (including loss, breakage, or stains) during the insurance period for the following reasons:
   A. Accidents caused during activities within the Scope of activities (hereinafter as “activities”) as listed in the table above (Premises Liability Insurance).

<Method of claim payments>

The Company shall compensate for losses or damages borne in (1) above and pay claims up to the limit of coverage. In principle, the amount of expenses in (2) - (5) above is covered in whole by this insurance. However, if the amount of damages in (1) exceeds the limit of coverage, this insurance will cover a partial amount for legal expenses in (2) calculated by reducing the "limit of coverage - compensation for damages in (1)/from expenses."
7. Other

Points of concern after enrollment
After enrollment in this insurance, please inform the section in charge (the students section, student support section, health center, etc.) without delay in the occurrence of any of the following:
- Changing department, faculty, etc.
- Absence from school for 1 year or more in total during the period of insurance
- Changing the course you are enrolled in
- Withdrawing from school

Cases of concurrent insurance contracts
Insurance claims shall be paid in the following manner in cases where concurrent insurance contracts or mutual aid contracts exists, which duplicate in content with this insurance contract (hereinafter as "other insurance contracts").
1. In cases where insurance claims or mutual aid benefits have not been paid by other insurance contracts.
2. In cases where insurance claims or mutual aid benefits have been paid by other insurance contracts:
   The payment of claims shall be made in accordance with the enrollment details of this insurance contract, regardless of other insurance contracts, etc.

Procedures in the event of an accident
When an insured event or an accident causing an insured event to happen, you must contact the school insurance counter of Tokio Marine & Nichido Fire Insurance and inform them the following information without delay:
- Your full name, age, and enrolled university/college - Date and time of accident - Location of accident - Full name and age of the injured party - Cause of accident - Degree of damage (injury, destruction, etc.)
   Also, please inform the university/college section in charge (the students section, student support section, health center, etc.) in the occurrence of any accident, and state that you have reported details of the above to the underwriting insurance company.

Points of concern after enrollment

5. In the event of an accident liable under this insurance, it is recommended to receive out-of-court negotiations directly with the injured party, upon advice from the department/section in charge at the underwriting insurance company. Moreover, please note that the admission of your liability or any agreement to the amount of damages given without approval from the underwriting insurance company may lead to the failure to receive the whole or part of the claim.

On liens

In the occurrence, therefore, of an accident liable under this insurance, be aware that you must conduct out-of-court negotiations directly with the injured party, upon advice from the department/section in charge at the underwriting insurance company. Moreover, please note that the admission of your liability or any agreement to the amount of damages given without approval from the underwriting insurance company may lead to the failure to receive the whole or part of the claim.

Cancellation due to significant reasons

The policyholder, insured or recipient of insurance money caused damages or injury with the purpose of having Tokio Marine & Nichido Fire Insurance pay insurance money based on this policy.

* The insured or recipient of insurance money engaged in fraudulent activity with respect to the claim for insurance money based on this policy.

* The policyholder, insured or recipient of insurance money is affiliated with organized crime or is deemed to be an otherwise antisocial force, etc.

* A delay in giving the above notice may result in the reduction of claims payable, and the right to request claims is bound by the statute of limitations of three (3) years.

Out-of-court settlement services

Out-of-court settlement services are not available. This insurance does not offer a settlement negotiation services as an insurance company between the insured and parties who sustained an injury or damage. In the occurrence, therefore, an accident liable under this insurance, be sure that you must conduct out-of-court negotiations directly with the injured party, upon advice from the department/section in charge at the underwriting insurance company. Moreover, please note that the admission of your liability or any agreement to the amount of damages given without approval from the underwriting insurance company may lead to the failure to receive the whole or part of the claim.

Handling of private information

The policyholder, insured or recipient of insurance money who sustained an injury or damage under this insurance contract for the purposes of underwriting decisions, management and implementation of duties under this contract, provision of incidental services, information and provision of support services concerning this contract to the underwriting insurance company in relation to this insurance. The underwriting insurance companies and their group companies* will use such private information for administrative procedures regarding the establishment, etc. of security rights of pledges, liens, etc., as well as the management, exercise of such rights.

Insurance claims arising from the insured incident occurring within 3 months of the suspension of payment by the insolvent insurance company) (Even in the event that the policyholder is not in a private individual or corporation (restricted to contracts entered by offices in Japan) of which the number of regular employees at the time of the insolvency does not exceed 20) or a condominium owner association, etc., the above shall apply to the insured individual(s) for the part of the contract which the individual(s) actually bear premiums.

Insurance claims arising from the insured incident occurring within 3 months of the suspension of payment by the insolvent insurance company) (Even in the event that the policyholder is not in a private individual or corporation (restricted to contracts entered by offices in Japan) of which the number of regular employees at the time of the insolvency does not exceed 20) or a condominium owner association, etc., the above shall apply to the insured individual(s) for the part of the contract which the individual(s) actually bear premiums.

The payment of claims shall be made in accordance with the enrollment details of this insurance contract with respect to the amount of damages after subtracting any insurance claims or mutual aid benefits paid by other insurance contracts.

Cases of concurrent insurance contracts

Insurance claims shall be paid in the following manner in cases where concurrent insurance contracts or mutual aid contracts exists, which duplicate in content with this insurance contract (hereinafter as "other insurance contracts").
1. In cases where insurance claims or mutual aid benefits have not been paid by other insurance contracts.
2. In cases where insurance claims or mutual aid benefits have been paid by other insurance contracts:
   The payment of claims shall be made in accordance with the enrollment details of this insurance contract with respect to the amount of damages after subtracting any insurance claims or mutual aid benefits paid by other insurance contracts.

Procedures in the event of an accident

When an insured event or an accident causing an insured event to happen, you must contact the school insurance counter of Tokio Marine & Nichido Fire Insurance and inform them the following information without delay:
- Your full name, age, and enrolled university/college - Date and time of accident - Location of accident - Full name and age of the injured party - Cause of accident - Degree of damage (injury, destruction, etc.)
   Also, please inform the university/college section in charge (the students section, student support section, health center, etc.) in the occurrence of any accident, and state that you have reported details of the above to the underwriting insurance company.

Please note that a delay in giving the above notice may result in the reduction of claims payable, and the right to request claims is bound by the statute of limitations of three (3) years.

Out-of-court settlement services

Out-of-court settlement services are not available. This insurance does not offer a settlement negotiation services as an insurance company between the insured and parties who sustained an injury or damage. In the occurrence, therefore, an accident liable under this insurance, be aware that you must conduct out-of-court negotiations directly with the injured party, upon advice from the department/section in charge at the underwriting insurance company. Moreover, please note that the admission of your liability or any agreement to the amount of damages given without approval from the underwriting insurance company may lead to the failure to receive the whole or part of the claim.

Handling of private information

The policyholder, insured or recipient of insurance money who sustained an injury or damage under this insurance contract for the purposes of underwriting decisions, management and implementation of duties under this contract, provision of incidental services, information and provision of support services concerning this contract to the underwriting insurance company in relation to this insurance. The underwriting insurance companies and their group companies* will use such private information for administrative procedures regarding the establishment, etc. of security rights of pledges, liens, etc., as well as the management, exercise of such rights.

Insurance claims arising from the insured incident occurring within 3 months of the suspension of payment by the insolvent insurance company) (Even in the event that the policyholder is not in a private individual or corporation (restricted to contracts entered by offices in Japan) of which the number of regular employees at the time of the insolvency does not exceed 20) or a condominium owner association, etc., the above shall apply to the insured individual(s) for the part of the contract which the individual(s) actually bear premiums.

Cancellation due to significant reasons

In any of the following cases, Tokio Marine & Nichido Fire Insurance may cancel enrollment.

1. In cases where the company may not be able to pay the insurance money either in whole or in part.
   - The policyholder, insured or recipient of insurance money caused damages or injury with the purpose of having Tokio Marine & Nichido Fire Insurance pay insurance money based on this policy.
   - The policyholder, insured or recipient of insurance money is affiliated with organized crime or is deemed to be an otherwise antisocial force, etc.
   - The insured or recipient of insurance money engaged in fraudulent activity with respect to the claim for insurance money based on this policy.

This “Guide” provides a summary explaining about Liability Insurance coupled with PAS (Premises Liability Insurance/Product Liability Insurance/Bailiwick Liability Insurance). Full details are given in the insurance clauses, etc. mentioned on the JEES webpage. For questions and concerns, etc., please contact the university/college section in charge (the students section, student support section, health center, etc.). Furthermore, after taking out this insurance, please read the “Handbook for Enrolment of Liability Insurance coupled with PAS: If the applicant is someone other than the insured person, please explain the content of this “Guide” to the insured person.

Liability Insurance coupled with PAS is a contract of coinsurance entered into between Japan Educational Exchanges and Services and the following insurance companies (TBD): Tokyo Marine & Nichido Fire Insurance Co., Ltd. acting for and on behalf of the other insurance companies. Each insurance company bears obligations under the contract, not jointly but separately, in accordance with its underwriting share determined at the time of acceptance. For details of the shares, please confirm with JEES.

Aioi Nissay Dowa Insurance
Sompo Japan Nipponkoa Insurance
Tokyo Marine Nichido (Lead insurance company)
Mitsui Sumitomo Insurance

"Liability Insurance Coupled With PAS" is a nickname given to the Premiums Liability Insurance/Product Liability Insurance/Bailiwick Liability Insurance based on the Standard Provisions for Personal Liability Insurance, Coverage for Premises Owners (Management), Coverage for Products, Coverage for Bailiwick, Endorsement for Liability Insurance coupled with PAS, etc.

Policyholder
Japan Educational Exchanges and Services
Insurance and Compensation Division, Programs and Activities Department
〒153-8503 4-5-29 Konomiya, Meguro-ku, Tokyo
TEL: 03-5454-5275 URL: http://www.jees.or.jp/

Drafted in January 2016/13-T-04954
Contract Overview & Points of Attention Explanation

This Contract Overview gives particularly important information for understanding the details of this product of insurance. Please be sure to read it before enrolling.

- The Points of Attention contain matters which may be disadvantageous to enrolling students and also other matters which are very important to them at the time of enrollment. Please be sure to read them carefully before enrolling in this insurance.
- This document does not contain all information about this insurance. Full details are given in the insurance clauses, etc. mentioned on the webpage of the Japan Educational Exchanges and Services (JEES).

For questions and concerns, etc., please contact JEES or Tokio Marine & Nichido Fire Insurance Co., Ltd.

- Please keep something from which subscription details can be understood, such as this “Guide” or the “Handbook for Enrollment of Liability Insurance coupled with PAS,” etc. as an enrollment certificate, etc. is not issued.

1. Framework and conditions of acceptance
   (1) Product Framework
      This is a group contract between Japan Educational Exchanges and Services (JEES), the policyholder, and the insured (those covered under insurance), who are enrolled in universities, colleges, graduate schools, and two-year colleges that are supporting members of JEES. JEES reserves the right to request the insurance policy and the right to cancel the insurance contract.

   Please confirm the scope, etc. of the insured covered under this insurance on page 1.

   (2) Compensation and Period of Insurance (Insurance Contract Period)
      Please confirm ① the main causes for payment (main cases for compensation), ② the main reasons for exception from responsibility (main cases not covered for compensation) and ③ the period of insurance and other details on pages 1 and 2.

   (3) Conditions of acceptance (the insured amount, etc.)
      Please make a decision based on the underwriting conditions of the insurance (the insured amount, etc.) from the prearranged insurance courses. For details of insurance course, please refer to page 2.

2. Premiums and methods of payment for premiums
      Premiums are determined based on the insurance course chosen and other factors. Please confirm the details on premiums on page 2, and pay premiums as instructed by your university.

3. Maturity refunds and policyholders’ dividends
      There are no maturity refunds nor policyholders’ dividends under this insurance.

Points of Attention

1. Cautions about common compensation
   The scope of compensation overlap in cases where the insured or other relatives are under other preexisting insurance contracts of a similar nature.

   Please review the details of the contract and make sure they meet your needs. Please be aware that any outstanding compensation in future contracts will be apologised in case you are reconsidering contract details to avoid overlapping scopes of compensation.

2. Duty of disclosure
   At the time of enrollment, you are required to disclose important matters to the underwriting insurance company.

   In the event that items are missing or they differ from the facts at the time of enrollment, the policy may be cancelled, or insurance claims may not be payable.

   Please refer to page 2.

3. Duty of notice
   (1) Points of concern after enrollment (notification of changes)
      Please confirm the details of the contract and make sure it necessary to limit the conditions of insurance.

   (2) Notification of changes
      Depending on claims made, etc. there may be cases where you find it difficult to renew your insurance coverage or where you find it necessary to limit the conditions of insurance.

4. Commencement of liability
   (1) Liability for insurance for students admitted in April begins at 0:00 a.m., April 1. However, commencement for insurance after April 1 shall be as follows.
      ① If the enrollment date decided* at a faculty is before September 1, the coverage period shall commence from 0:00 a.m. of the resolved date of enrollment.
      ② If the enrollment date decided* at a faculty is after September 1, the coverage period shall commence from 0:00 a.m. of the resolved date of enrollment.

   (2) Liability for insurance for students admitted in September begins at 0:00 a.m. September 1. However, commencement for insurance after September 1 shall be as follows.
      ① If the enrollment date decided* at a faculty is before September 1, the coverage period shall commence from 0:00 a.m. of the resolved date of enrollment.
      ② If the enrollment date decided* at a faculty is after September 1, the coverage period shall commence from 0:00 a.m. of the resolved date of enrollment.

5. Main exclusions (main cases with no compensation)
   Please refer to page 2.

6. Handling of insolvent insurance companies
   In the event that the underwriting insurance company should become insolvent, there may be cases where the payment of claims, refunds, etc. is frozen for a certain period of time or where the amount of claims, refunds, etc. is reduced. For details, please refer to page 3.

7. Coinsurance
   For coinsurance, please refer to page 3.

8. Handling of private information
   Please refer to page 3.

Tokio Marine & Nichido Fire Insurance Co., Ltd.

For concerns or consultation about insurance:
Tokio Marine & Nichido Fire Insurance Co., Ltd.
Educational Organization Division Government Sector Dept. 2
〒102-8014
6-4 Sanbancho, Chiyoda-ku, Tokyo
TEL: 03-3515-4133

For reports or consultation about accidents:
School Insurance Desk, Tokio Marine Nichido
TEL 0120-868-066 (toll-free)
* This number connects you to your School Insurance Desk, so calls may be returned from another School Insurance Desk in charge of your university/college.
[Business Hours: 9:00-17:00 on weekdays (Closed on weekends & holidays)]

The General Insurance Association of Japan

General Insurance Alternative Dispute Resolution (ADR) Center (designated conflict resolution institution)

Tokio Marine & Nichido Fire Insurance Co., Ltd. has a Basic Agreement for Procedural Implementation with the General Insurance Association of Japan, which is a designated dispute resolution agency with a designated Financial Services Agency (FSA) director based on the Insurance Business Act. In case a problem arises with the insurance company that cannot be resolved, you may request a resolution from the General Insurance Association of Japan. For more information, please visit the website of the General Insurance Association of Japan. (http://www.giapa.or.jp/)

Call us at 0570-022808 <charged call>
When calling from IP phones, please call on 05-0342-321H.
Business hours: 9:15 a.m. to 5:00 p.m.
(Closed on Saturdays, Sundays, national holidays, and year-end and New Year period)

Check items for enrollment (confirming intention)

These check items are intended to make sure that customers may safely rely on this insurance in the event of an accident, by ascertaining that the product of insurance which customers are going to enroll in fully meets their needs and that they have made correct entries on items which are particularly important in applying for this insurance.

Please take the time to look over each of the following points.

For any questions or concerns, please inquire the contact for inquiries as mentioned in the “Guide” and other documents.

1. Please make sure that this product of insurance fully meets your needs in the following areas by referring to the “Guide” and its “Explanation for Important Points”. If an area does not meet your needs, please reconsider the terms and conditions of this insurance.

   - Conditions and types of claims payable under this insurance
   - Insurance benefits (contract benefits)
   - Period of insurance (contract period of insurance)
   - Premiums and methods of payment for premiums

2. Have you read and understood the Explanations for Important Points [Contract Overview/Points of Attention]? Please pay particular attention to the information provided in Points of Attention such as “Main exclusions” that may disadvantage you. “Cautions about common compensation” and “Duty of notice” sections.

   * For example, the scopes of compensation overlap in cases where a rider that covers personal liability is attached and you have signed another insurance contract of a similar nature.